



THE TIMES Tomorrow

Pop Madhur Jaffrey, first of four guest cooks, on vegetarian cooking.

Pop Penny Perick tunes into the stalwarts of Barry Manilow's international fan club.



Pits Spectrum looks at the mammoth effort to repair the damage to Yorkshire's new coalfield.

Privatization Will contractors really clean up on hospitals' dirty washing? Part two of our series on privatization.

Progress Lord Harris of High Cross pleads for an end to the laws that impede economic advance.

TV plea of innocence by Marcos

President Marcos of the Philippines went on television to deny responsibility for the death of Benigno Aquino, and blame both the opposition and the foreign press for giving his Government bad publicity. The President's opponents pledged to continue Mr Aquino's campaign for non-violent reform.

The Libya card

Israeli intelligence material on Libyan intentions in Africa is helping the Begin Government's rapprochement with Black Africa. Liberia's main demand for resuming diplomatic relations was the sharing of the Mossad dossier on Libyan activities.

Burnt sculpture

A decision is expected today on whether to rebuild a South Bank sculpture made of 6,000 tyres. A man is being treated in hospital for severe burns.

Pound rises

The pound closed 1.1 cents up against the dollar at \$1.5290. Shares continued their record run with the FT index closing 4.7 up at 740.4.

Wembley circus

Professional (Rugby) Union teams representing England, Wales, Australia and New Zealand could be playing at Wembley early next year in the first games of a "circus" involving 200 leading players.

Ojukwu loses

Mr Ojukwu, the former Biafran leader, failed to make a political comeback in Nigeria when he was defeated in his attempt to become a federal senator.

Women at risk

Sexual harassment at work is causing women physical and mental illness, lost promotion, forcing them to leave their jobs and sometimes causing their dismissal, a TUC report says.

Stud chance

Shareef Dancer, the Arab-owned Classic winner, is to be syndicated for a probable world record sum, and will stand at stud near Newmarket.

Leader page 9

Letters: On Soviet imperialism, from Mr Correlli Barnett; privatization, from Mr G. C. Ingram; religious broadcasting, from Mr John Whitney.

Leading articles: International Development Association; the Philippines; breakfast television. Features, pages 6-8 Greater control of public utilities; Israel's return to international favour; rocking to rule in Hungary; Spectrum: how doomed monkeys mean big business; Fashion, the marriage of pop and punk.

Computer Horizons, page 13: Big US-Scottish terminal deal for banks; finding jobs by electronics.

Obituary, page 10 Dr Eric Kaim, Sir Francis Evans, Brigadier C. C. Parkman.

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40ft dining car crushed into 6ft wreckage by impact

Irish train disaster on fail-safe system

From Richard Ford, Kildare

An investigation into the train crash in the Irish Republic on Sunday night in which seven people were killed began last night. Ten passengers were seriously hurt and another 40 are being treated in hospital.

The investigators will have to find whether the accident was caused by human error or the breakdown of a supposedly fail safe centralized signalling system, and a back-up procedure intended to prevent accidents of this kind.

The accident, involving a train from Galway to Dublin and a stationary train from Tralee, co Kerry, occurred on a piece of track where the special automatic warning system, similar to that run by British Rail, has operated for six years.

The inquiry will want to discover how it was unable to prevent the collision between two trains, each crowded with 500 passengers.

The system is controlled from a central unit at Dublin's Connolly station, which monitors train movements on that section of track.

The inquiry will also want to discover if reports that the train from Tralee had run out of diesel fuel are true, and whether the guard on the train had had time to place the first of three warning detonators behind the carriages before the crash occurred.

The train from co Kerry had been affected by mechanical failure early in its journey but had managed to reach Mallow, co Cork, where its engine was changed. It was running 20 minutes late by the time it reached Cherryville.

If the fail-safe system had been working properly Mr Peter Brady, driver of the Galway train, should have stopped at a red signal at Monasterevin. The inquiry will want to know why the driver did not stop if the

signal was indeed operating properly.

In the republic if a driver passes through a red signal there is no alarm bell which rings in his cabin resulting in the brakes being automatically applied, as occurs on British Rail.

Usually in the republic the driver of a train approaching a section blocked by another train first comes across an amber signal which authorizes him to proceed very slowly to the next signal. If the section is still blocked, he will find a red signal and is forbidden to go any further but instead should leave his train, use special telephones at every signal on the line to contact the central unit and discover the cause of the problem.

Even if there is vandalism or a fault in the system the signals are supposed to automatically turn red and cannot be changed until the system has been repaired.

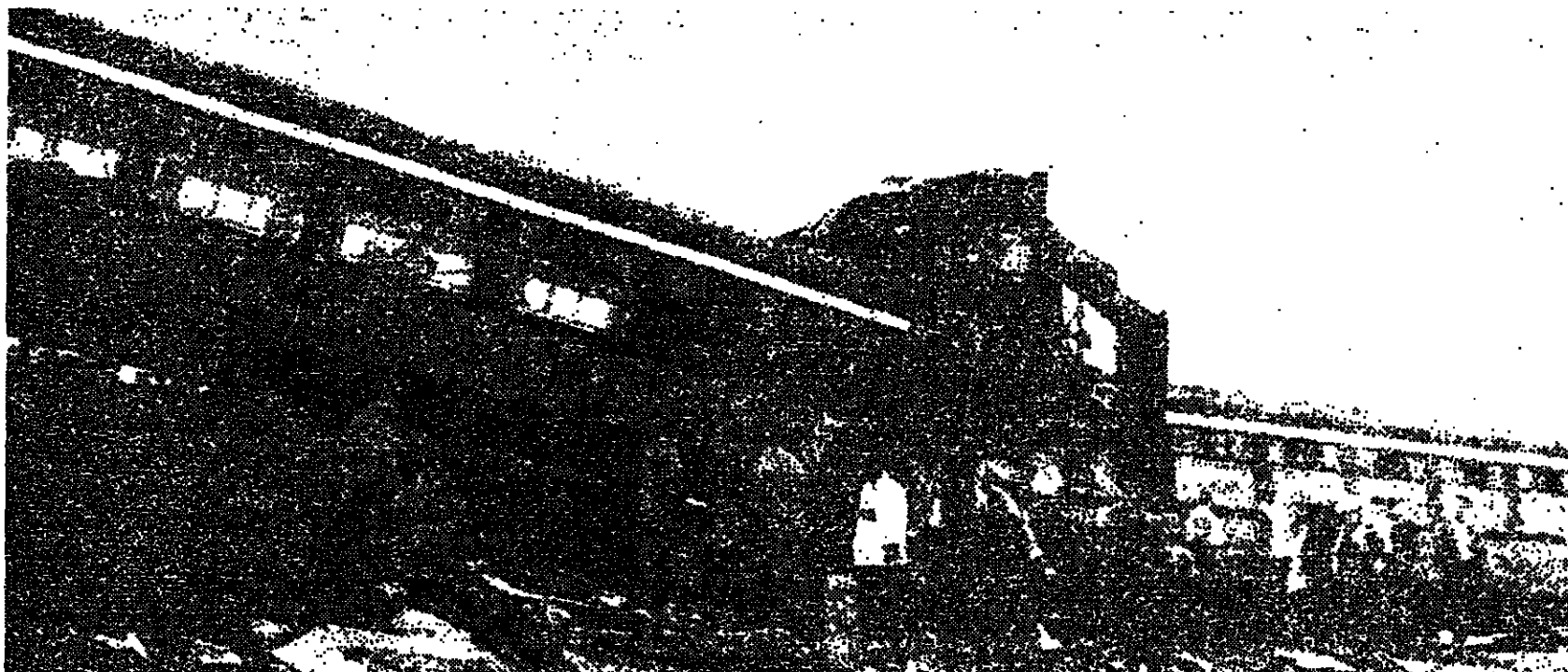
Initial investigation of the collision have indicated to crash investigators that vandalism did not play a part in the tragedy, but it is too early to say whether the crash was due to the system failing or human error.

A spokesman for CIE, the republic's state-run transport company, said: "The system works and has worked perfectly if it is respected and used properly."

As dawn broke yesterday the full horror of the crash was revealed with the dining car in which most of the seven dead had been travelling concentrated into 40 feet to six feet by the impact of the collision.

The force of the impact shunted the first-class carriage at the rear of the stationary Tralee train over the top of the dining car. The compartment, made of wooden body in the early 1950s, was wrenched from its steel frame as wood splinters

Continued on back page, col 7



The telescoped dining car in which seven passengers died in the crash at Cherryville

Defence cuts 'have left Navy weak'

By Rodney Cowton, Defence Correspondent

The Royal Navy has been so badly cut back that it no longer has the balance needed for general maritime operations, it is claimed today.

The damage done by the 1981 review of defence spending was so great that "even with the recantations forced on the Government" by the Falklands conflict, the fleet shows severe defects in many kinds of operation.

Because of the Navy's weakness, only two major ports could be kept open in the face of a sustained enemy campaign by an enemy country. Present policies might mean that the UK could not meet its commitments to the North Atlantic alliance.

These claims are made by the editor of *Jane's Fighting Ships* in the forward to the latest edition of the definitive study of world navies, published today.

Captain John Moore, in a wide-ranging attack on the policies imposed on the Navy in recent years says that the 1981 Defence Review conducted by Sir John Nott showed "a lamentable failure to appreciate the role of seapower in affairs of state". He accused the Government of "the emasculating of the Royal Navy's ships and support".

Among the specific points made by Captain Moore in the forward to the 1983-84 edition are:

- (1) The effectiveness of the nuclear-powered submarine force may be inhibited in the future by lack of numbers and by limited refuelling capacity.
- (2) The design of the planned new diesel-powered submarine, the 2400, "lags behind those of other European builders".
- (3) There is a lack of airborne early warning based on board ships "although ingenuity in the use of a helicopter with long-range radar may help".
- (4) There are insufficient "flat-decks" which can provide Harrier aircraft with effective take-off.
- (5) The continuance of orders for large frigates may be necessary, but is an expensive approach and may mean that the numbers needed may never be achieved. He notes that the Type 23 frigate costs £135m, and the planned new, "cheap", Type 23 will be between £110m and £120m. He adds "perhaps the adoption of new designs which could provide very nearly two ships for the price of one may one day come to pass".
- (6) Perhaps the largest gap in British defence lies in the same area as that of the United States, namely the capacity to deal with mines laid at sea. "It still remains unlikely that more than two major ports could be kept open during a determined mining campaign."

Captain Moore elaborated on some of these criticisms to *The Times*. He said that the reduction in the planned number of nuclear-powered fleet submarines from 20 to 17 would probably mean that in time of war only about seven could be maintained on station for a protracted period.

He did not think Britain could afford more aircraft carriers, but there were designs available for adapting basically merchant ship hulls, such as tankers and container ships, to provide platforms for Harrier aircraft.

*Jane's Fighting Ships*, 1983-84, (Jane's Publishing Company, £55).

Victory '83 fits wings to its keel

By Barry Pickthall

Peter de Savary, the multi-millionaire heading the Victory syndicate, Britain's challenge for the America's Cup, joined the controversy surrounding the radical winged keel on Australia II by having wings fitted to his own 12-metre yesterday for the final race against the Australian yacht in the semi-final challenge series.

The design of the wings is the result of tests by designer Ian Howlett at Southampton in January last year before being evaluated on Australia, the Victory trial horse bought after the last cup series. A spokesman said that the fins, which improve the lift generated by the foil and thus the angle that the yacht can sail to the wind, had made a dramatic difference to the performance of Australia.

The decision now to add similar wings to Victory '83 brought an immediate response from the United States Yacht Racing Union (USYRU), warning that the yacht may not now be a legal 12-metre. An hour earlier measurer Mark Vinbury, the American member of the three-man international measurement committee, had been called to the Victory dock to give a confidential ruling on the modifications.

Before leaving, he agreed that the fixed fins, which have no effect on the yacht's displacement, were indeed legal. However, shortly afterwards Peter de Savary received a letter from the American measurer saying that he was of the opinion that these wings "mark a peculiarity" and felt obliged to inform the USYRU.

Report, page 17

Moscow grain deal may herald thaw

From Richard Owen, Moscow

Mr John Block, the US Agriculture Secretary, arrives in Moscow tomorrow amid growing signs that the Andropov leadership is seeking ways of taking some of the chill out of its relationship with Washington.

Mr Block is to sign a new Soviet-American grain agreement on Thursday and leaves on Friday. Although this allows little time for substantial talks, diplomatic sources said Mr Block's visit would be more than ceremonial. He is the most senior Reagan Administration official to hold talks here since Mr George Bush, the Vice-President, briefly met Mr Andropov at the Brezhnev funeral last November.

The AFL-CIO trade union organization and nine Democratic senators using both occasions to make clear that the current frosty atmosphere between Russia and America was the fault of the Reagan Administration. Mr Andropov also used his meeting with the senators to launch a Soviet proposal banning anti-satellite weapons.

Diplomats said an easing of Soviet-American tensions would principally depend on progress in arms control talks, but that the grain agreement was a significant step forward. Under the agreement, reached last month after three tough bargaining sessions in Moscow and Vienna, the Soviet Union is committed to buying nine million tonnes of American grain annually.

At a press conference yesterday, Senator Edward Zorinsky of Nebraska said he had been told by Soviet trade officials that Moscow was wary of further commitments because of the 1979 grain embargo, imposed by President Carter after the Soviet invasion of Afghanistan.

Pass said yesterday that the Reagan Administration's decision to lift its ban on the export of pipelaying equipment to Russia showed that Western sanctions and trade embargoes had been a "shameful failure".

Diplomats said an Andropov-Reagan summit remained "a remote possibility" in view of the current chill. Pravda complained on Sunday that the American authorities had acted with "utter lawlessness" and "impudent provocation" in trying to persuade the son of a Soviet diplomat in the United States to defect.



Mr Block: More than a simple ceremonial visit to Moscow

American diplomats said they had not yet received any indication whether President Andropov would receive Mr Block. Last week, the Soviet leader met the deputy head of States to defect.

Chad 'will ask France to fight'

Ndjamena (Reuters) - The Chad Government said yesterday it would ask French troops to fight in a counter-offensive against Libyan-backed rebels controlling the north of the country.

"When the day comes that we are ready to stage a counter-attack on Faya-Largeau, we will ask France to join us", the Information Minister, Mr Mahama Soumaila, told reporters.

Brigadier General Jean Poli was due here later in the day to take command of the French ground forces which informed sources said numbered about 1,200 men and eight combat aircraft. He will bring with him about 80 special air commandos to guard the aircraft.

Forces on alert, page 4

Health service told to cut more jobs

By Pat Healy, Social Services Correspondent

Health authorities were told yesterday that they were not doing enough to reduce staff in the health service. In a circular issued by the Department of Health and Social Security, they were instructed not to fill any vacancies unless they could produce a clear case for keeping the job.

The department denied yesterday that the new instruction amounted to a freeze on health service jobs, but said it reflected ministers' hopes that new manpower targets could be achieved, mainly through natural wastage.

The circular sets out officially for the first time the new cash limits for this year after the spending cuts announced by the Chancellor of the Exchequer in July, and the proportion by which health authorities are expected to reduce staff by the end of the financial year.

The circular did not confirm whether the new cash limits will be confined to the present year, or whether they will recur next year.

Nor did it throw any light on how far meeting the manpower

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Walesa calls off speech to Gdansk workers

Gdansk (AP) - Several hundred pro-Solidarity demonstrators held a rally outside the Gdansk shipyard yesterday, despite the last-minute cancellation by Mr Lech Walesa of a speech to the workers there, scheduled a week ago.

"I cancelled everything, because I knew that if I did not, I would be in jail for at least a month from today," Mr Walesa told reporters as he left the shipyard after work.

He did not attend the peaceful gathering at the worker's monument outside the shipyard, where for 30 minutes union supporters sang Solidarity songs and made the V for victory sign.

A "Secret Committee" inside the shipyard has called for a work slow-down to pressure authorities into opening talks with Mr Walesa on reviving independent Labour unions in Poland.



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## Sexual harassment causes physical and mental illness, TUC report says

By Amanda Haigh

Sexual harassment at work is causing women physical and mental illness, lost promotion, forcing them to leave their jobs, and even resulting in their dismissal, according to a TUC guide published today.

The guide, *Sexual Harassment at Work*, says that the stress caused by sexual harassment has been linked to depression and physical illness such as cystitis, headaches, digestive problems, nausea, general physical disability, and lack of resistance to infection.

It urges unions to take issue seriously and join in a campaign to combat it. Many trade unionists had not yet recognized sexual harassment as a serious problem and still regarded it as a "fuss about nothing", the guide says.

Mrs Anne Gibson, secretary of the TUC's women's advisory committee, which compiled the guide as a result of a TUC's women's conference mandate, said: "This problem is much more widespread than anybody had thought".

"Individual cases include: a journalist who dreaded going in for the evening shift because of constant unwanted touching and being stopped and trapped

in the locker area; young women who had to drop out of an apprenticeship scheme for electricians because of constant touching, ribbing, innuendo, and sex talk among the men; and office workers whose bosses suggest they might like to stay behind after work or spend a weekend with them."

No precise figures were available, but the harassment of women occurred across the whole spectrum of employment, in both blue and white-collar jobs, she said.

The guide includes the kind of behaviour that must not be tolerated in future: leering, ridicule, embarrassing remarks or jokes, unwelcome comments about dress or appearance, deliberate abuse, the offensive use of pin-ups, pornographic pictures, repeated unwanted physical contact, demands for sexual favours, and physical assaults on workers. Unions would not support members sexually harassing other workers.

The TUC recommends that unions should include a clause in agreements negotiated with employers that would treat sexual harassment as a form of discrimination and would set up speedy and confidential

grievance procedures for the victims of such behaviour.

Although the victims of sexual harassment are usually women, the guide emphasizes that it is also applicable to men.

The employers' organization, the CBI, said it would not comment on the proposals before seeing the guide.

The guide calls on individual male trade unionists to examine their behaviour towards female colleagues and make sure that any actions that they may regard as "near the knuckle" but "only good clean fun" do not constitute sexual harassment.

Victims are asked to keep notes of each incident and inform union representatives immediately. The harasser should be warned that legal action could be taken against him.

The guide adds: "Too often women workers are seen in terms of their family caring roles, or as sexually attractive objects, and not as workers attempting to earn their living."

*Sexual Harassment at Work* (Publications Dept, TUC, Great Russell Street, London WC1B 3LS, 15p).



Sophie Birdwood (left), the victim of mistaken identity, and Miss Carolyn Herbert, who was at Balmoral.



## Mix-up leaves press little to coo about

By David Hewson

The name of Prince Andrew's latest girlfriend - if, indeed, he has one - remained a secret last night after a classic Fleet Street case of mistaken identity.

The prince, who is reported to have ended his friendship with Miss Koe Stark, the American actress, spent the weekend at Balmoral with Miss Sophie Birdwood, according to a pack of national

tabloids, led by the *Daily Mirror*, yesterday.

That was news to Miss Birdwood, aged 19, last year's Deb of the Year and daughter of Lord Birdwood - and with good reason. At the time when she was supposed to be spending her time with the third-in-line to the throne, she was in fact on holiday.

Miss Birdwood's return to Britain yesterday somewhat puzzled to find herself in the

midst of such fuss, provided a double alibi. Not only was it obvious she was out of the country, but she also was clearly not the person whose photograph appeared in newspapers above her name.

"I am not amused", Miss Birdwood told journalists at Heathrow airport.

While the strength of such denials may have her halfway down the aisle of St Paul's in the eyes of the foreign press,

things were stirring back home. The subject of the photograph identified as initially as Miss Birdwood was now categorically confirmed as Miss Carolyn Herbert, aged 21, the only daughter of Lord Porchester, the Queen's racing manager.

Was she the Prince's new girlfriend? Not according to Buckingham Palace, which merely said that Miss Herbert was Prince Andrew's guest.

## White asbestos risk report challenged

By David Nicholson-Lord

A report being considered today by the Health and Safety Commission seriously underestimates the risk of cancer for those exposed to white asbestos, the type still in general use in Britain, it was claimed yesterday.

The report, written by members of the medical Research Council (MRC), include Professor Donald Acheson, shortly to become chief medical officer at the Department of Health and Social Security, calls for a formal ban on new blue and brown asbestos products and the replacement of white asbestos by substitutes.

Its authors said there was an attempt by the Health and Safety Executive, the enforcement arm of the commission, to suppress it when it was published last month.

The MRC report, however, finds little evidence of a link between white asbestos and mesothelioma, a cancer that causes an estimated 400 deaths each year. That finding was challenged yesterday by the Society for the Prevention of Asbestos and Industrial Diseases, (Spaid).

According to Spaid which has analysed the research data considered by the MRC, the report bases its conclusions on a sample of only 171 mesothelioma deaths, out of a total of 3,957 cited in official figures for the 1968-81 period.

Spaid also says that the

researchers ignored case-history studies, including one made into 27 mesothelioma patients at Hackney Hospital, north-east London, which appear to indicate that the use of asbestos is more at risk than those working in its manufacture.

Mrs Nancy Tait, secretary of Spaid, said: "This sort of evidence shows that the widespread concern about asbestos in the general environment is justified but the commission is going to say it is not. The report just has not looked at enough evidence to be able to form any conclusion at all."

Professor Acheson said the figure of 171, if accurate, represented deaths where there was good evidence of the type of asbestos exposure. Most did not carry that information on the death certificate.

The debate about the hazards of white asbestos is expected to dominate today's meeting of the commission, which is being viewed as one of the most critical yet on the future use of asbestos by British industry.

● Hundreds of families living on a south London council estate are to be moved out after the discovery of asbestos.

More than 320 tenants living on the Livingstone Estate, Battersea, built in 1972, were told yesterday of the decision by Wandsworth Council. The asbestos was found by accident as council housing staff were checking walls.

## Extradition granted for accused Germans

An extradition order against two Germans accused of terrorist offences was granted yesterday at Bow Street Magistrates' Court, London. It is subject to confirmation by the Home Secretary.

Walter Kexel, aged 22, a far-right, and Ulrich Tillman, aged 21, a journalist, were said by the prosecution to have belonged to a neo-Nazi group with Soviet sympathies which was responsible for planting bombs under American servicemen's cars in Germany.

The pair were accused jointly of two armed robberies, three attempted murders, two ex-

plosions, conspiracy to cause explosion, and one charge of causing actual bodily harm. Kexel faces three separate charges of armed robbery.

The order was granted on all charges by Mr David Hopkins, the magistrate.

Mr Alan Jones, prosecuting, said Kexel was the leader of the group, which allegedly netted more than £100,000 in armed robberies.

Mr Jones said that four members of the group were arrested in Germany last February and Kexel and Tillman fled to Britain.

## Sex attack hunt centres on brown German car

The hunt for three men who sexually attacked a boy aged six after abducting him from a street near his home in Brighton centred yesterday on a large brown left-hand drive car with German number plates.

A woman noticed the car, which had black numbers on a white plate, when it bounced off a kerb near the spot where the boy was abducted. She told the police that it was driven by a big man with dark hair with a fair-haired front seat passenger; she is not sure whether this person was a man or a woman. In the back was a teenage boy, about 15 years old, and a little boy she recalls as having fair hair.

The descriptions tally with those of three men seen in a newsagent's shop used by the victim and his twin brother earlier on the evening of the attack.

Police are now checking on the owners of the 92 cars that took the next available Newhaven-Dieppe ferry a few hours after the boy was attacked. They have asked for the help of French and German police.

A brown car or a dark car is the most consistent element of all the likely sightings of the men that were thrown up in the massive police operation on Sunday night in the Brighton area when hundreds of motorists were questioned.

The police have confirmed that their inquiries have been hampered by difficulties communicating with the boy, who has a speech impediment.

WPC Terry Micklam, who has been trained to deal with child abuse cases and who is befriending the boy, said: "His state of shock is decreasing now. He is quite a happy little boy, but there are times when he is unhappy and thinks about what happened. He does talk a bit more about what has happened."

Police are also looking for a man seen talking to the boy earlier in the evening of the attack. He is described as between 50 or 60, of slim build, 5ft 9in tall, with grey hair. He was wearing an open neck shirt and check trousers.

## Theatre buyer

Andrew Lloyd Webber, the composer, is expected to announce today that he is buying the Palace Theatre in Cambridge Circus, which is valued at up to £2m.

## Tube killing charge men remanded

Three men from north London accused of murdering Mr Peter Clarke, security guard, at Belsize Park Underground station on Friday were remanded in police custody until Thursday by Highgate magistrates yesterday.

They were: James Browne, aged 22, a street trader, of Herbert Street, Kentish Town, Terence Ellis, aged 45, a taxi driver, of Ewart Grove, Wood Green, and James Killick, aged 18, a delivery man, of Beaumont Walk, Hampstead.

Det Insp William Griffiths, of the Flying Squad, told the court that the defendants were interviewed further.

Mr Clarke, aged 52, who was married with two children, lived in Matlock Road, Ilford, Essex. He worked for PPR Security, which is based in Ilford.

## Marathon field up to 20,000

The number of runners in the London Marathon will be increased from 19,000 to 20,000 next year. Disabled competitors, about whose status there was a dispute with the Greater London Council this year, will start 15 minutes early to prevent bottlenecks.

A computerized system will process applications to avoid queues outside post offices. The race will be on May 13.

## Couple killed

Mr Michael Matthews, aged 25, and his wife Sandra, aged 24, from Wembley, north London, who were married on Saturday, died yesterday after being involved in a collision with a lorry near Dover at the start of their honeymoon.

## Child sex charge

A man aged 35 from Guildford, Surrey, who was charged with having unlawful sexual intercourse with a girl aged seven, was remanded in custody for eight days by Guildford magistrates yesterday.

## £160,000 raid

Jewellery valued at more than £160,000, including a £100,000 gold and diamond necklace, was stolen from the home of an Arab in Old Windsor, Berkshire, on Saturday night, it was disclosed yesterday.

## PC accused

Police Constable Philip Mason, aged 21, was remanded on bail by Reading magistrates yesterday accused of indecently assaulting two girls aged 12 and 15 and a woman in Middlesbrough.

## More families falling into debt, survey says

Increasing number of people are falling into debt, with more than 100,000 inquiries a year involving debt being referred to the Citizens Advice Bureau.

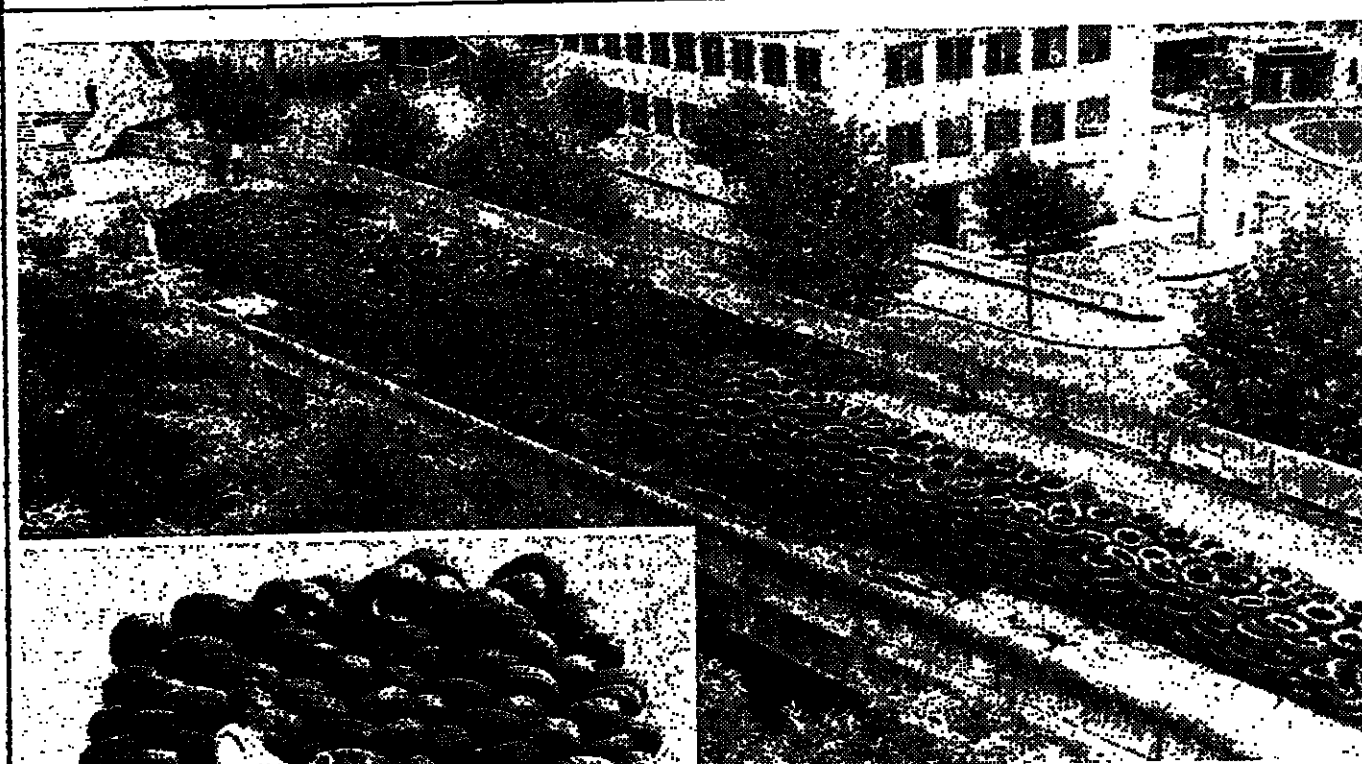
"It is no longer just the poor who cannot manage - widespread redundancy has created a new class of debtor, the white-collar or skilled worker used to a relatively high standard of living," Ms Camilla Dinkel says in the latest edition of the National Consumer Council's magazine.

"The single most likely cause of debt, according to research by the West Midlands Money Advice Project is sudden loss of income through redundancy, bereavement, or divorce."

Families with children are most likely to get into debt, the research reveals, with the elderly who have learnt over the years to live on a very low income and single childless people least at risk.

"There is hardly a national chain store that does not offer instant credit of up to £100 or more. Credit cards are easy to come by and it is possible by getting several cards to obtain a very considerable amount of credit."

A report soon to be published by the council calls for a number of reforms including changes in the laws that deal with debt recovery.



The burnt-out sculpture and (left) Mr Mach on his work (Photographs: John Manning (top) and Brian Harris).

## Burnt sculpture may be replaced, gallery says

Mr David Mach, sculptor of the submarine that was set alight early yesterday outside the Royal Festival Hall in London, said after inspecting the damage that he hoped the model would be rebuilt (Kenneth Gosling writes).

A spokesman for the Hayward Gallery, which mounted the Sculpture Show in association with the Serpentine Gallery with Arts Council and Greater London Council finance, said it was likely that a decision about rebuilding would be taken today.

Mr Mach said he had been shocked to hear of the 170ft-long Polaris submarine model's being vandalized,

"especially since during the building of the sculpture I had considerable public support". The condition of a man who suffered severe burns in the fire was said last night to have "deteriorated slightly".

Mr James Gore-Graham, aged 37, a designer, of Collet Gardens, Hammersmith, London, was taken to St Thomas's Hospital and transferred to the burns unit of Queen Mary's Hospital, Roehampton. He was said to be in a critical condition, suffering 90 per cent burns.

Forensic scientists have been studying the remains of the submarine. Petrol cans are understood to have been found among the 6,000 tyres

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Or call in at any Royal Navy and Royal Marines Careers Information Office.





## The Aquino assassination

## Marcos defends himself on TV

Manila (AFP, Reuters) - President Ferdinand Marcos of the Philippines appeared on government television yesterday to deny responsibility for the assassination of his political opponent, Benigno Aquino. He blamed opposition leaders and foreign reporters for the bad international publicity his regime has received because of the Aquino case.

He appeared with his wife, Imelda, and members of his Cabinet. There had been rumours that he was either dead, seriously ill or in a coma.

Mr Salvador Laurel, president of the 12-party coalition known as the United Nationalist Democratic Organization (Unido), called yesterday for a non-violent campaign for democratic reforms, and said the killing would unite the opposition to the Marcos Government.

"We are resolved we are going to the people and tell them what is going on. We are not just going to talk. We are going to move," he said. He added that it was possible that some of the Government's opponents would "go to the hills".

The Unido statement read by Mr Laurel condemned Mr Aquino's murder as brutal and treacherous, and said that those left behind would continue his struggle to restore human rights



President Marcos: Quelled rumours he was dead

and freedom and to avert revolution.

Mr Aquino returned despite government warnings that there were threats to his life from personal enemies, and that he would be sent back to the military prison from which he was released in 1980, so he could have heart surgery in the United States.

The statement also questioned the "mysterious circumstances" of Mr Aquino's death, and asked how the gunman, who was immediately killed by security guards, had penetrated airport security.

Mr Laurel said a post-mortem examination showed that Mr Aquino was shot from a

distance of less than 18 inches and that President Marcos should assume "full responsibility" for failing to protect him.

The results showed that the single bullet that passed through the back of Mr Aquino's head had travelled through his chin and travelled downwards, yet the alleged assassin was said to be six inches shorter than Mr Aquino.

The body of the presumed assassin "has mysteriously disappeared," Mr Laurel said.

He said he had received several reports that martial law had been re-imposed by Mr Marcos, and called on the President to say whether they were true.

A power failure which paralysed most of Manila yesterday fuelled rumours of violent political unrest after the murder. Government and military authorities appeared later on television to say it had been caused by a break in transmission lines, and to dispel the rumours of bombings, riots and student deaths.

TAIPEI: Taiwan said yesterday it did not know that Mr Aquino, who arrived in Manila on a China Airlines flight from Taipei, had been in the country (Reuters reports).

A Foreign Ministry spokesman said there was no record of anyone entering or leaving under the name of Aquino.

The Communications Minis-

ter, Mr Lien Chan, said that Mr Aquino must have been travelling under an assumed name without the airline's knowledge.

Worldwide condemnation: The US Government has condemned in the "strongest possible terms" the "cowardly and despicable" murder of Mr Aquino (Our Foreign Staff writes).

A State Department statement said that the US Government "trusts that the Government of the Philippines will swiftly and vigorously track down the perpetrators of this political assassination and bring them to justice and punish them to the fullest extent of the law".

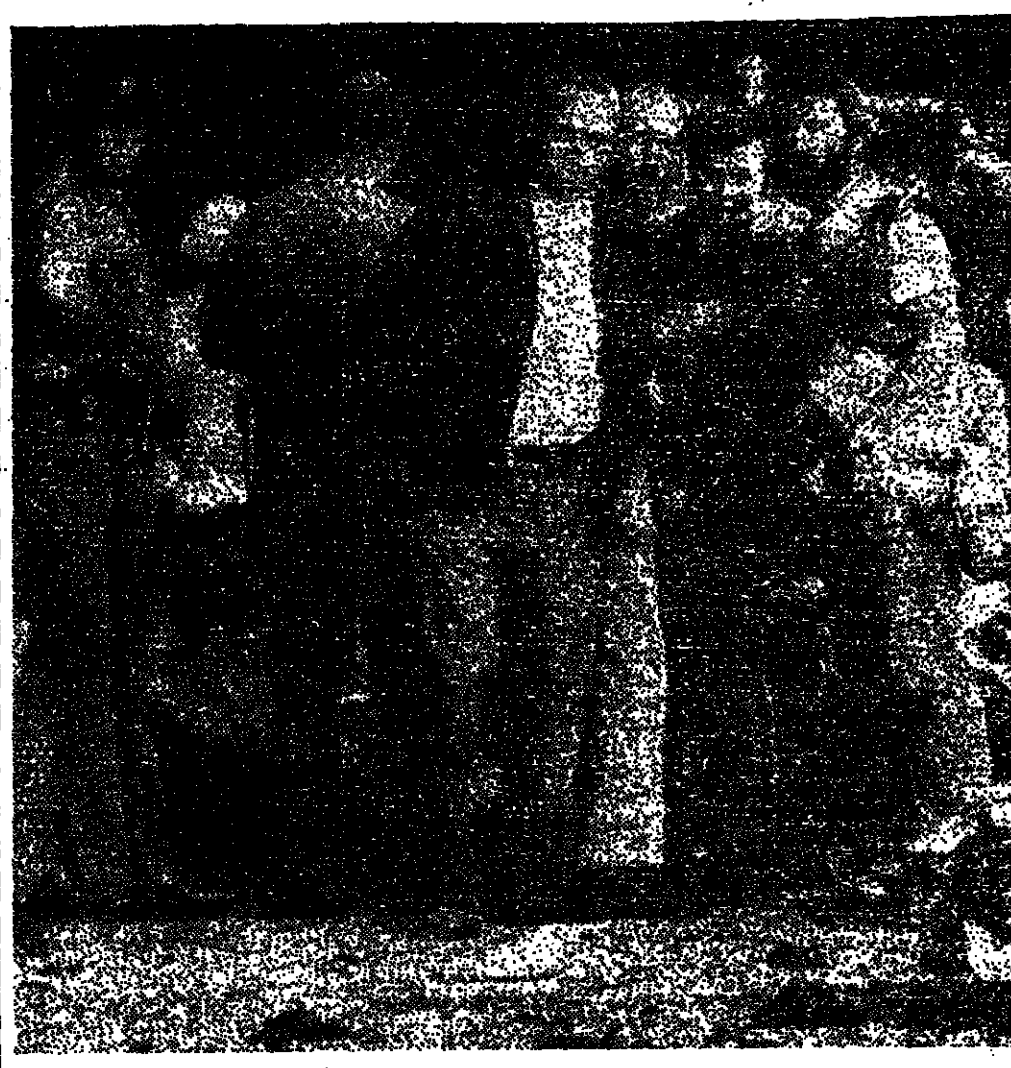
President Reagan will go ahead with a visit to the Philippines in early November during a two-week Asian tour.

France also condemned the murder, describing it as a blow to hopes of democratic debate in the Philippines.

Australia condemned the assassination, while Japan expressed concern and said it would closely watch developments.

In Tokyo the Chief Cabinet Secretary, Mr Masaharu Gotoda, said: "We extend our sincere condolences. We hope the facts will be probed by the Philippines Government at the earliest possible date."

Leading article, page 9



Crash aftermath: A survivor (right) helping police at the scene after 11 people had been killed when an aircraft carrying 24 skydivers and two pilots crashed on to a road in northern Washington state. The aircraft, a twin-engine Lockheed Lodestar, burnt out after crashing on Sunday near the town of Stanwood.

## Bombs rock army centre in Bronx

New York (AP) - Two bombs exploded at a United States Army reserve centre in the Bronx area of New York early yesterday and police think those responsible may have caused several earlier New York bombings.

No injuries were reported, but the blasts caused extensive damage to the five-storey brick building and to a number of military vehicles.

A police spokesman said that a group calling itself the United Freedom Front had claimed responsibility as it had done for previous blasts in Queens and on Long Island.

## Mass grave in Yugoslavia

Zagreb (AP) - A mass grave holding the remains of people killed at the Jasenovac death camp by members of the Ustaša, a Second World War Croatian extremist organization, has been found on the banks of the Sava river.

The Zagreb daily *Vjesnik* said the discovery was made by fishermen because of the river's extremely low water level this summer.

## Mrs Nixon ill

Washington (AP) - Mrs Patricia Nixon, aged 71, wife of former President Richard Nixon, suffered a mild stroke last week, it was disclosed after she returned to her home in Saddle River, New Jersey, yesterday. She was said to be "recovering nicely".

## Big Mac's pay

Hamburg (AFP) - The West German restaurant workers union has accused McDonald's of "abusive exploitation", saying that 58 per cent of its 12,000 workers received less than £100 a month.

## Malta's profit

Valletta - The Malta Dry-docks made a profit of about £1m through refitting the Cunard Countess earlier this year, according to a Maltese daily newspaper. The refit was completed within a 44-day time limit.

## Mayor quits

Santo Onofrio, Italy (AP) - Signor Vito Facciolo, the Christian Democrat mayor of this Calabrian village has resigned after receiving Mafia threats to blow up his house and family.

## Stay-at-home

Vienna (Reuters) - Mr Václav Havel, the Czechoslovak dissident playwright and a founder of the Charter 77 group, has refused offers to travel to the West for fear he could not return.

## Curfew widens

Colombo - The 7pm to 4am curfew in Colombo and eight other cities in the south of Sri Lanka has been extended to Jaffna, and Vavuniya in the north and Trincomalee in the east.

## Trees guarded

Delhi (Reuters) - People illegally felling trees in the Himalayan state of Jammu and Kashmir will be shot. A special force is being organized to protect the forest ravaged by people for firewood.

## Top seed

Agen, south-west France - A lorry driver from Agen has won the annual French melon-seed spitting contest with a 24.5ft projection. He beat 48 other competitors.

## Alpine ordeal

Grenoble (Reuters) - A three-year-old girl is recovering in hospital after spending 48 hours huddled next to her dead grandfather on a mountainside after a fall in a thunderstorm.

## Public hangings

Damascus (Reuters) - Two men convicted of committing a series of crimes including armed robbery and killing policemen were hanged at dawn in Damascus square.

## Mass for gays

Stockholm - Eleven members of a fundamentalist Swedish religious sect were arrested when they interrupted a Mass for homosexuals in Stockholm Cathedral.

## No smoking

Stockholm - Scandinavian Airlines Systems (SAS) is to ban smoking on all its flights between Stockholm and Oslo next month.

## Royal visit

Heilinki (AFP) - King Carl Gustav and Queen Silvia of Sweden arrived in Finland on board a Swedish Navy vessel for a four-day state visit.

## Last to be first

Mbabane (AP) - A new Miss Swaziland will be crowned today because the master of ceremonies last week read the winners' list backward, crowning the fourth-place finisher and making the winner fourth.

## Radical change of mood

## French forces in Chad on 'state one alert'

By Leslie Plummer

French forces in Chad, now believed to number more than 3,500, including technicians and medical teams, have been put on "state one alert" as a further signal to Libya that the French deterrent is serious.

While France wants a cooling in the Chad conflict, where the forces of Colonel Gaddafi, the Libyan leader and the former Chadian president, Mr Goukouni Oueddei, are clashing, the government of Mr Hissène Habré, the mood at French headquarters in Ndjame, the capital, has changed radically in the past week towards what has become their biggest operation since Algeria.

Worries about Libya's ability to attack in more than one place simultaneously have contributed to the change in French attitude, as has accumulating evidence of direct Warsaw Pact involvement in Chad at a high level.

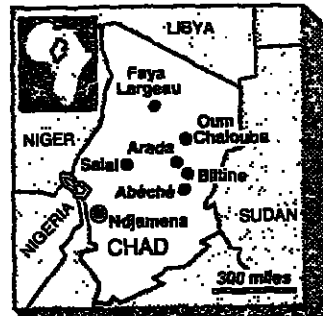
After intensified ground reconnaissance - thought to have extended right into the northern rebel arsenal town of Faya-Largeau - the French conceded that planning by senior Warsaw Pact advisers attached to Libyan forces was probably behind the recent rebel successes.

Though France is reluctant to see the conflict as East-West terms, as the US does, officers do not rule out the possibility that non-Libyan forces may be behind the Libyan aircraft that bombed Faya-Largeau, which fell to the rebels on August 10.

French intelligence also shows, however, that there is a defensive element in the weaponry still being poured into Faya-Largeau by Libya, reinforcing reports that Mr Goukouni fears an attack in the north as much as Mr Habré says he does in the south.

An unconfirmed report in Paris yesterday said the rebel leader held secret talks with French government officials about 10 days ago, possibly in Paris. The French are said to have stated that they support reconciliation between the warring parties, but not the division of Chad, as Colonel Gaddafi might like.

France now feels beleaguered on several fronts in Chad: its contingents in surrounding countries have been reduced to



whose 2,500 troops are aiding the government side (though to what effect is unclear).

French officers believe the Americans are behind Mr Habré's continued calls for a preemptive strike against the rebels - something France considers foolhardy - and they suspect the Americans of failing fully to share with them intelligence from Awacs surveillance aircraft in the region.

They fear that the American attitude is that the less France knows, the more it will have to commit itself to cover all possibilities.

The French also have a mixed view of Mr Habré: some advisers consider his judgment erratic, while some officers believe he is withholding information from them to try to play off America and France to his advantage.

## Three escape to West

Eisenstadt, Austria (AP) - Three East Germans, including an 11-year-old girl, escaped to the West by crossing the Hungarian-Austrian border on foot in daylight, border officials said yesterday.

Authorities refused to provide names or say exactly how they managed the crossing, which took place with the help of an East German who had previously fled to the West.

He drove his former wife, aged 31, their daughter and a friend close to the border, then parted with them and officially travelled to Austria at the Schanenchdorf checkpoint, near here, to pick them up on the Austrian side.

## Israel plays the Libya card in Africa

From Christopher Walker, Jerusalem

The provision of access to the extensive intelligence material on Libyan activities in Africa, gathered by Mossad, Israel's secret service, has emerged as the strong card in the Begin Government's attempt to resume diplomatic ties with black Africa.

It was learnt yesterday that the main demand made by Liberia as a *quid pro quo* for resuming relations broken off in 1973 was a breakdown of all Israel's classified assessments about Libyan actions and intentions in Africa. Liberia pledged to pool material gathered by its own somewhat less efficient intelligence service.

The disclosure was made by Israeli sources only hours before General Samuel Doe, the Liberian President arrived here to begin a four-day state visit, the first by an African head of state since 1971. The occasion was hailed as a

diplomatic triumph for the Israel Government. The generals given the full red carpet treatment.

Greeting him after a 21-gun salute, President Chaim Herzog said that the visit had special significance. "You come from Africa facing the new danger of Libyan colonialist ambitions which threaten the independence of many African countries," he said. "Your struggle against this new-found imperialism is one with which we can identify and sympathize."

The Jerusalem sources explained earlier that General Doe, who seized power in Monrovia in 1980, had recently ousted a number of pro-Libyan figures from his administration and was now "deeply concerned" that his military regime might be the target for a Libyan-inspired coup.

It is understood that the

handing over of the Mossad dossiers took place three weeks ago, when a three-strong delegation from Liberia paid a secret visit to Israel.

The Israeli sources said that intelligence material had been supplied to the Liberians about the recent dispatch of "Libyan agents" to Niger and the Central African Republic, as well as about activities of Libyans and Cubans based in Ghana.

It was made clear that assistance in the struggle to resist Libyan expansion is now being employed by senior Israeli officials as one of their main weapons in the often clandestine negotiations now under way to persuade all black African states to return their ambassadors to Tel Aviv.

No official information was available about the extent to which the new agreement on intelligence sharing between

Israel and Liberia will be developed, but this will be one of the topics discussed by General Doe during his stay. He will also visit an Army base and the headquarters of Israeli military industries.

In addition to the security aspects of the renewed link with Israel, the Liberians have also requested Israeli cooperation in establishing a shipping line, reorganizing the national airline and restructuring the country's agricultural sector.

The visit of General Doe has focused attention on the extent to which Israel has maintained contacts in Africa despite the mass diplomatic exodus prompted by the 1973 war. At the latest count, Israel had commercial, agricultural, military or diplomatic ties with 22 African countries in which some 4,000 Israelis were working on various missions.

In from the cold, page 8.

## Beirut shelling turns into full-scale battle

From Kate Dowling, Beirut

Shells and rockets slammed into the outskirts of Beirut yesterday morning as fighting between Christian and Druze militias in the hills east of the capital developed into a wide-scale battle, engulfing parts of both the Christian and Muslim sectors of the capital.

A rocket, presumably fired from Druze positions in the Israeli-controlled Chouf mountains, narrowly missed General Franco Angioni, the commander of the Italian contingent of the multinational peacekeeping force, when it landed a few yards from his jeep.

The general had been inspecting Italian units stationed in the neighbourhood of Bourj el-Brajneh, not far from Beirut airport. General Angioni sustained slight injuries in the face when the rocket spewed dust and stones over his jeep.

The thud of heavy artillery and mortars could be heard in Beirut all night and early

morning before a ceasefire was arranged.

At least six people were reported to have been killed in the indiscriminate bombardment of densely populated areas.

Initially the fighting broke out between Druze and Christian gunmen stationed in Shweifat and Kfarshima. Later, the clashes spread to surrounding districts. Local radio said several Army posts around the capital were attacked and artillery rounds also hit the suburb of Baabda, where the presidential palace is located.

Major Stuart Bennett, the spokesman for the British contingent of the peacekeeping force, said the fighting had landed "uncomfortably close" to the British headquarters in the tobacco factory along the Old Sidon Road. He said he had woken up to the sounds of rocket and artillery fire and "the sprinkling of machine gun fire" just before dawn.

Both sides accused each other

of initiating the latest round of fighting, which shattered a shaky week-old ceasefire. Major Bennett said it appeared, however, that the Druze had fired the first shot.

In Damascus, the leftist Progressive Socialist Party of Mr Walid Jumblatt, issued a statement accusing Lebanese Army positions around Beirut airport of firing at Druze villages in the Chouf mountains. The statement said that Druze militias would shell the airport and force its closure "if this aggression continues".

The Lebanese Army Command denied the Druze claim, and Major Bennett said there had been no reports of firing from the direction of the airport towards the mountains. Beirut's international airport was reopened last week after shelling from Druze positions had forced its closure for six days.

Meanwhile, Mr Robert McFarlane, President Reagan's special Middle East envoy, flew to Beirut shortly after the ceasefire took effect for a meeting with Mr Chafic Wazzan, the Prime Minister. Mr McFarlane did not make a statement at the end of his talks and left Beirut immediately afterwards.

The latest round of fighting undermined efforts by the government of President Gemayel to initiate a reconciliation dialogue with the various political and religious factions in the country. However, a three-member ministerial committee set up by the Cabinet to negotiate with the country's political leaders and relay their demands to the Government, reported some progress yesterday.

Radio stations controlled by the Christian Phalangists linked the sudden escalation yesterday to the visit on Sunday of Major-General Mustafa Tlass, the Syrian Defence Minister, to the Syrian-controlled Bekaa Valley in eastern Lebanon.

## Biafra war hero fails at ballot box

Lagos (AP) - Mr Odumegwu Ojukwu, who led his Biafran people on the losing side of the Biafran war, has been defeated in his attempt to become a Nigerian federal senator, officials said yesterday.

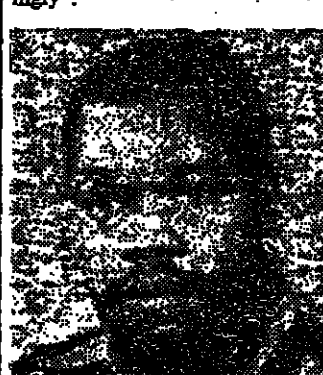
Mr Ojukwu lost by more than 12,000 votes in the eastern state of Anambra in his fight against Mr Edwin Onwudike, a former state health commissioner and candidate for the opposition Nigerian People's Party, the official News Agency of Nigeria said.

A bearded 49-year-old Oxford graduate, Mr Ojukwu was attempting a political comeback as a candidate for the ruling National party of Nigeria headed by president Shugu.

It was Mr Shagari who pardoned Mr Ojukwu in June, 1982, 12 years after the bitter 30-month Biafran civil war in which more than a million people were believed to have been killed.

His political opponents in Anambra trumpeted word of his loss even before the results from Saturday's balloting were officially disclosed.

The *Satellite* newspaper, published in the Anambra capital of Enugu, called him "the ex-warrior" and said he was beaten "overwhelmingly".



Mr Ojukwu: Pardoned by the President

## Torture alleged in Paraguay prison cells

By Henry Stanhope  
Diplomatic Correspondent

Allegations of summary detention and torture have been made against the Paraguayan Government by Lord Avebury after an 11-day investigation for the British Council of Churches.

With Mr James Painter, an academic who has taught in Paraguay, he visited the country after the arrest of staff from the Banco Paraguayo de Datos, or Paraguayan data bank - an independent "think tank" whose researches on social and industrial issues have been widely praised.

## Kohl comes back to feuding and revolt

From Michael Blyden, Bonn

Chancellor Helmut Kohl of West Germany returned to his office yesterday after a month's holiday in Austria to find two problems clamouring for attention - renewed feuding between the parties in his coalition and an incipient revolt against government economic policy.

The feuding, as usual, revolves around the influential figure of Herr Franz Josef Strauss, chairman of the Bavaria-based Christian Social Union, who spent the summer weeks tossing out controversial statements and quarrelling with the Free Democrats over the credit arrangements for East Germany.

Things got to such a pitch, with calls by Herr Strauss for the resignation of Otto Graf Lambsdorff, the FDP Economics Minister, that there was even unlikely speculation the Bavarian Prime Minister was attempting to break up the coalition and forge a new one with the Social Democrats, but without the FDP.

Dr Kohl, who appeared determined not to allow anything to interrupt his unusually long holiday, kept a golden silence on these bickering, but is now being used to reassert his authority and stop Herr Strauss's publicized attempts to dictate foreign and domestic policy.

On Thursday, he will have talks with his own Christian Democratic union leadership about the disputed issues in the coalition.

One of these is the question of the Government's austerity policy. Herr Strauss's Government in Bavaria announced recently that it did not accept

## New S African party seeks talks with UN

From Ray Kennedy, Johannesburg

The executive of the newly-launched United Democratic Front (UDF), which is being described as the broadest and one of the most significant alliances of anti-government groups formed in South Africa, is to seek talks with Sekhler Perez de Cuellar, the UN Secretary-General, in Cape Town this week.

Its publicity spokesman, Mr Zac Yacoob, said yesterday: "There is no reason why the UDF should not tell people around the world their struggles."

The Government has so far declined comment about the formation of the UDF, launched at a mass rally in Cape Town on Saturday, but Dr Frederick van Zyl Slabbert, leader of the official opposition Progressive Federal party has said that the Government ignored it at its peril.

It claims the backing of the South African Council of Churches, the Council of Unions of South Africa (CUSA), sports bodies such as the anti-apartheid South African Committee on Sport (SACOS) and the black consciousness Azanian Peoples Organization (AZAPO) among its backers.

Significantly, it has not attracted the support of the biggest black labour movement, the Federation of South African Trade Unions (FOSATU) nor of the strongest individual unions such as the General Workers' Unions and the Allied and Food Workers Union.

Its patrons include a number of veteran anti-apartheid campaigners of the 1950s, includ-

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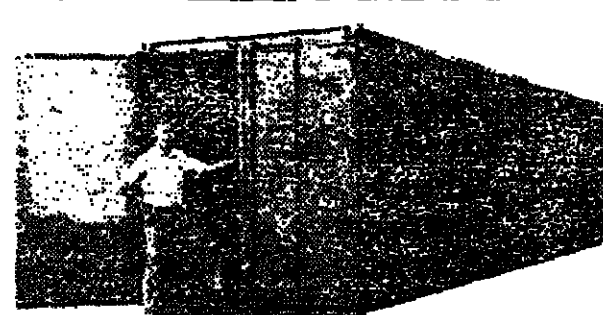
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## US agent jailed in Moscow as Belgium breaks Soviet spy ring

From Richard Owen, Moscow

A Soviet citizen named Ivanov has been imprisoned for spying for the United States, Tass said yesterday, adding that the involvement of American Embassy staff in Moscow had been "incontrovertibly" proved.

Tass did not name the Americans concerned, however, which is apparently a sign that Moscow does not intend to make an issue out of the case.

It gave no details about Ivanov or his alleged espionage, beyond saying that he had acted on instructions from the CIA.

There have been two cases this year in which American diplomats have been named as spies and declared persona non grata, but neither case was given prominence by the Soviet media, which give the impression that the CIA remains endlessly resourceful and remorselessly anti-Soviet, whatever the ups and downs of Soviet-American relations.

BRUSSELS: Belgium has expelled at least six East Europeans for economic espionage and uncovered a Brussels electronics firm serving as a front for Soviet technological spying, a senior Belgian official said yesterday, (Reuters reports).

The official, who spoke on condition that he was not named, said that the discovery of the firm followed the expulsion at the weekend of one Soviet and three Romanian diplomats and an employee of the Romanian Embassy without diplomatic status. At least one Soviet employee of the firm had also been expelled.

## Gromyko spells out space weapons proposals

From Our Own Correspondent, Moscow

Mr Andrei Gromyko, the Soviet Foreign Minister, took the Soviet proposal on the banning of space weapons a stage further yesterday by suggesting it should include a ban on the use of manned spacecraft for military purposes. The proposal appeared to be aimed at the American space shuttle, which Moscow claims Washington is planning to equip with space weapons.

Mr Gromyko was elaborating on an initiative put forward by President Andropov in a meeting with visiting American senators in Moscow last Tuesday. Mr Andropov imposed a moratorium on the launching of anti-satellite weapons into space.

Pravda published the text of a letter from Mr Gromyko to Señor Xavier Pérez de Cuellar, the UN Secretary-General, outlining a draft Soviet treaty on "the prohibition of the use of force in outer space". Mr Gromyko said Russia was seeking an urgent ban on the "testing, and deployment in outer space of any space-based weapons intended to hit targets on earth" and "complete renunciation by states of the development of new anti-satellite systems".

Under the proposed treaty states would undertake "not to destroy or damage the space objects or other states", and not to test or use manned spacecraft for military purposes "including anti-satellite aims".

## Prisoners of conscience



### South Korea: Lee Chul

By Caroline Moorehead

A Korean born in Japan, Lee Chul is serving a 20-year prison sentence for "anti-state" activities and "espionage". Now aged 35, he was one of 21 students accused of being a part of a "campus spy ring" after the interrogation in late 1975 of most Korean students normally resident in Japan but at that time studying in South Korea.

In April, 1976, Lee Chul was tried for spying for North Korea. The prosecution accused him of travelling to the North to receive training as a spy. After a confession the court sentenced him to death. The sentence was later commuted, first to life imprisonment and then, in 1981, to 20 years.

In 1976, at an appeal hearing, friends and relatives testified that he had been with them in Japan on the dates the prosecution maintained he was in North Korea.

Lee Chul said that he had "confessed" only after being tortured and informed that his family would suffer the same fate. (His wife, arrested with him, had been sentenced to three years in prison).

Lee Chul's appeal was rejected.

## Poll win by Maldives leader likely

MALÉ, Maldives (Reuters) - The Maldives yesterday took the first step towards electing a new leader, with the President Maumoon Abdul Gayoom favoured to retain power.

Parliament was voting for a single candidate who must win a majority in a public referendum to be declared president for the next five years.

Under the country's constitution, Parliament's 48 members - 40 elected and eight nominated by the president - may choose anyone in or outside the house. There are no political parties in the Maldives, an Islamic nation of about 160,000 people, and campaigning for the presidency is banned.

Mr Gayoom, elected in 1978, is an Islamic scholar and ends his present term on November 11. A government statement on Sunday gave no indication of when the referendum on Parliament's choice would be held.

Political sources said they expected President Gayoom to win more than the 28 votes he gained in Parliament in 1978, when a 92 per cent referendum vote confirmed him in office.

Since taking power, President Gayoom, who is 46, has made major changes in the economy of the country's 2,000 coral islands, embarking on a programme to develop tourism.

The devout president, who was educated in Egypt, has linked the development with preserving the Maldives' Islamic ideals.

He has stated that he wants to introduce constitutional changes to bring more political freedom to a system where the president rules with near-absolute authority.

## Captain gets two years

From Robert Schell, Amsterdam

A court in Arnhem has sentenced the captain of a Dutch ship, the Emmely, to two years imprisonment for ordering a stowaway thrown overboard in October, 1979.

The court found Captain Theodore de Bondt, aged 39, guilty of manslaughter when he ordered a Ghanaian aged about 20 to be thrown overboard into the River Bonny in Nigeria. His body was never found.

The first mate, who carried out the order with the assistance of two crewmen, was sentenced to one year imprisonment.

The two officers had been sentenced twice before, but in both cases the sentences were quashed by the Dutch Supreme Court on legal technicalities and retrials ordered.

The two men were arrested in The Netherlands after members of the ship's crew had reported the matter to the authorities.

## Crumbling Cairo: Part 2

### Metro strangled in red tape

In the second of two articles on Cairo's problems, our correspondent ROBERT HOLLOWAY describes the difficulties faced by the city's metro project.

They are replacing the pink granite colonnades of Ramses II station with a replica. The original, moved from Memphis in 1955 to what may be the most congested square in Africa, is at risk from traffic fumes and vibrations.

Whoever suggested transferring it to the museum may have been anticipating a pharaonic attack of apoplexy. Ramses, the most prodigious builder of antiquity, would not have tolerated the delays plaguing Cairo's metro.

Work began 20 months ago on phase one of the project, a tunnel running for two and a half miles beneath the city centre to link two existing overland suburban lines, and incorporating them into a single, 26-mile system.

Construction is already more than a year behind schedule, not a yard of track has been laid, and the French-led consortium which won the £155m contract refused to predict when the metro, due for completion in 1986, will come into being.

It is even harder to predict what Cairo will look like when it does. More than four million people, one third of the city's population, are believed to crowd each day into communal taxis or noisy and fuel-smelling buses, many of them in transit between Ramses station and Sayeda Zeinab, the terminus

serving the southern industrial complex at Helwan.

Last May, the official news agency reported that Mr Salehman Mawallah, the Minister of Transport and Communications, had ordered the removal of all obstacles to excavation of the tunnel and five underground stations. It needed the intervention last month of Dr Foad Mahieddin, the Prime Minister, to make it

### Toll rises to 36 in collapsing houses

The death toll after the collapse of four houses in Cairo, and Alexandria over the weekend has risen to 36 (Reuters reports).

When three adjoining houses in Cairo collapsed on Saturday, 22 people died and 16 were injured, and 14 died and 10 were injured in Alexandria when a seven-storey building fell down. The daily *Al-Ahram* reported that three housing officials were arrested and charged with manslaughter.

possible for the contractors to block off part of Ramses Street and install mechanical diggers.

"You may not cut down a tree, or tear up a paving stone, without a permit, and you never know which junior army officer will claim that an additional signature is required," lamented an engineer. "The trouble is, the client, Egyptian National Railways, does not own the land we are working on."

When they dig, the contractors have no idea what they will

find. Site work included the removal of a landmark, an empty plaza which stood for years in Tahrir Square, where Anwar Sadat station will be located. No one seems to recall whose statue was originally to stand on the pedestal.

Nor does anyone know how many water and gas mains or electricity cables lie beneath the streets, let alone their precise location. Some were laid during emergencies in the Second World War, others may date from the First.

Those in the know do not deny the legend that one engineer, told by an exasperated official to cut a cable which did not appear on municipal charts, found himself facing an army officer sent to investigate the blowing up of 50 secret telephone lines to military headquarters.

The metro will make it possible to transport 60,000 people an hour, about one million per day, between the suburbs.

The 17 French firms involved, headed by SOGETI, are concerned about the effect of delays on Coface, the French Government's export credits department, and big French banks, which together are financing about 70 per cent of the project.

Ramses, confronted with the bureaucracy of his descendants, might have said to ponder upon his own boast (rendered with licence by Shelley): "Look on my works, ye mighty, and despair!"

Concluded



Best foot forward: Pharaoh Ramses II, who is taking refuge from the chaos of modern Cairo in a museum.

## Mauritians back Prime Minister in elections

Port Louis (Reuters) - The three-party alliance of Mr Anerood Jugnauth, the Prime Minister, crushed former Finance Minister Paul Berenger's opposition Mauritain Militant Movement (MMM) in general elections yesterday.

Final results gave Mr Jugnauth's alliance 41 parliamentary seats against 21 for the MMM. Mr Berenger was beaten in his home district.

A further eight seats may be allocated later by the country's electoral commission under a complicated "best loser" system, but this cannot change the alliance's lead.

Mr Jugnauth, in a victory statement to enthusiastic supporters said: "We must work for the good of the country and of the people to preserve democracy and build our economy."

Mr Berenger, conceding defeat, said: "The struggle continues but we respect the result of the election."

The election was called just 14 months after Mr Jugnauth, a London-trained lawyer, and Mr Berenger swept to power in an alliance of the MMM, of which they were both members, with the now defunct Mauritian Socialist Party (PSM).

The alliance collapsed last March and Mr Berenger left the Cabinet with most MMM ministers. Mr Jugnauth stayed in power, supported by the PSM which since transformed itself into the Mauritian Socialist Movement (MSM).

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## SPECTRUM

The sale of monkeys for research is big business. This second of three articles follows the trail from capture in the wild to death in the laboratory

# The serious monkey business

By Andrew Tyler

Non-human primates have been changing hands for 5,000 years or more. Accounts dating back to ancient Egypt show them as pets, zoo specimens, agriculture labourers, circus exhibits, objects of religious veneration and, increasingly in our own time, laboratory tools.

The roots of the modern biomedical relationship extend to the late nineteenth century, when a number of Russians sought cures for tuberculosis and the plague. It was in Sukhumi, by the Black Sea, that the world's first major primate centre opened in 1927, and yet by then Dr Serge Voronoff had already performed his startling rejuvenation routines that involved transplanting slivers of chimpanzee testicle (known in polite circles as "sex glands") into the scrotums of aging humans.

More sombre breakthroughs came with the beating of yellow fever in Panama, the discovery of the Rh factor in blood - thus combating the blue baby syndrome - and the West's holy war against poliomyelitis, which cost in the region of 14 million monkey lives - and is still costing.

When the polio programme began in the 1950s, neither North America nor Europe had anything approaching sufficient rhesus stock. It was to India they turned, and at the height of the battle three plane-loads were arriving every week at London Airport, each plane packed with 1,600 monkeys.

For the majority, death came long before the laboratories required them to give up their kidneys. They were lost through absurdly reckless trapping, holding and transit operations. In January 1955, 394 animals died in an unventilated van at London Airport while en route to New York. Hundreds more at a time perished from disease and starvation in the holds of ships. But it was not until the early 1970s, when rabies swept through Europe, that rigorous controls were finally introduced.

India had since been joined in the marketplace by several Asian and African countries. By then, as well as polio vaccine, there was a proliferation of monkey projects involving a host of Old World species including vervets and macaques. The US now had its seven regional primate centres, while Britain enjoyed a more modest programme, principally orchestrated through the Medical Research Council. Inevitably, the almost lustful im-

portation from the wild had to slow down. Official reports were issued in Britain and the US warning of an impending shortage and calling for increased domestic breeding, self reliance and less waste.

Little heed was paid, however, until the Indian authorities turned off the tap in 1978. Apart from their concern at a relative scarcity of a once inexhaustible bounty, they had been revolted by the American radiation and neutron bomb tests: these had not been in the contract.

Bangladesh looked a likely substitute for supplies until she abruptly cancelled an exclusive 10-year contract with an Oregon firm called MoL Enterprises, also citing radiation experiments performed on early shipments. MoL retorted with a \$15m law suit, and a larger one against a competitor it claimed had bribed Bangladeshi officials to get the deal abandoned.

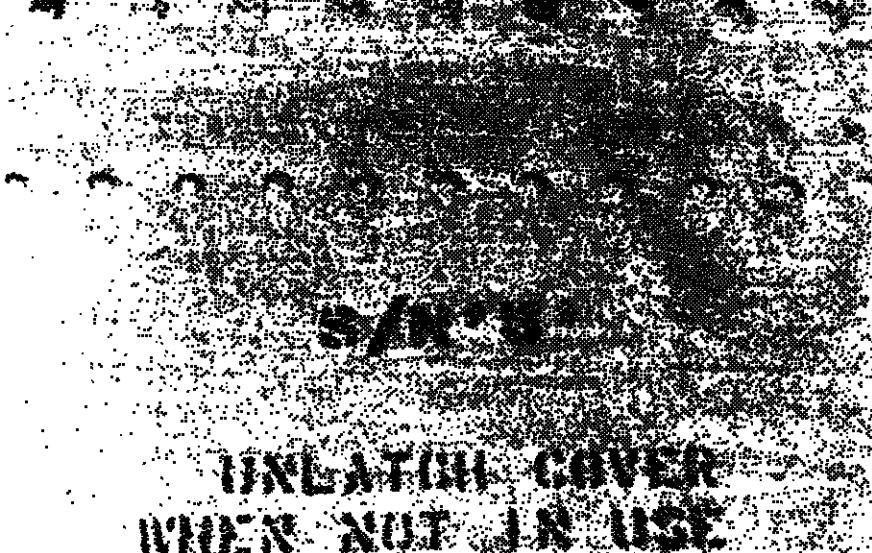
Meanwhile another US competitor, Charles River, plunged into the rhesus breeding business with two privately-owned monkey islands off Key West in Florida. Each free-range Charles River rhesus - just like the company's production-belt, caesarian delivered rodents - came guaranteed clean with a multi-digit code stamped on its chest.

## Monkeys are treated as local pests

Charles River offered more hope when it announced that the irreplaceable rhesus wasn't quite as irreplaceable as had been supposed; that the relatively plentiful, widely dispersed cynomolgus macaque would serve as well in many key laboratory routines, including the testing of polio vaccine.

This brought such potential macaque suppliers as Indonesia, the Philippines and Malaysia more prominently into play. African baboons were also becoming a standard laboratory tool, particularly in Britain. But the truly burgeoning trade began developing in South America (New World) primates such as the marmoset and the squirrel monkey.

The majority of laboratory-reared animals live one or a handful to a metal cage and are addressed under hot lights by scrubbed-up, white-coated operatives: this, at least, is the general picture in Britain, where the Home Office watches over matters of hygiene.



"Ham", the world's first space monkey, in his capsule before lift-off at Cape Canaveral in 1961. It has been claimed that the chimpanzees were trained by electric shocks and beatings with rubber hoses

At the "resource" end, the picture is less sophisticated. Shirley McGreal, US chairman of the International Primate Protection League, says that monkeys "are not caught by professionals in white smocks. They are trapped by locals who sell them to middle-men like so many cans of beans."

"The highest mortality happens at holding stations. These local people have no regard for the monkeys. To them, they are just local pests. They are not fed well, they will squeeze six or seven into a 3ft cage, they will lift and drop the cage as if they were moving carts of stone."

Top of the US and United Kingdom import league at present is the cynomolgus macaque. This is an intelligent, social animal that has carved a niche for itself across the whole of the Asian lowlands, including Borneo and the coastal islands. In Bali it is regarded as sacred.

Cynomolgus live mostly in mangrove swamps where they swim and fish for crustaceans. Theirs is a male-dominated, completely polygamous society that bands together in troops of up to 50.

Britain's major cynomolgus operator is Keith Hobbs, whose company is called Interim. Hobbs is a veteran monkey handler who was commissioned by the Medical Research Council in the early 1970s to take stock of Britain's primate prospects; it was he who called for more breeding and an upgrading of standards.

Since the beginning of the year his company has been shipping cynomolgus back to Britain, principally to Shamrock Farms of Sussex. Shamrock is, in fact, Britain's largest importer from the wild, and practically the sole supplier of Old World species to British laboratories.

Before their sale to the biomedical community, each of Shamrock's

monkeys is "conditioned" at the company's farm premises outside the West Sussex village of Small Dole. Here the animals are given a five-figure chest tattoo and housed in small metal cages within prefabricated cabins.

They will have arrived from the wild in a state of stress and sickness incurred by rapid switches through alien environments. For the flight itself, perhaps half a dozen strangers would have been crated together. Fighting is not unusual in such circumstances, and since there is nowhere to retreat fatalities occur. It is also typical to find them, when the crate is opened, huddled in each other's arms.

A former Shamrock worker reported coming across such scenes and also finding dead babies in the containers. The mothers, he believes, were too vexed to cope with birth on the move. Shamrock's founder and chairman, Edwin Lonsdale, admits to losing two or three animals from every batch of 50 within the first few days. But a regimen of vitamins and injections, he says, rebuilds the great majority and within about six weeks they are ready for shipment to the customer.

## 31 baboons died in simulated smashes

A large number go for polio vaccine and drug testing, a smaller percentage to the Chemical Defence Establishment at Porton Down, which now also breeds its own monkeys. Shamrock has also supplied a French testing house, which received a degree of publicity after killing 31 baboons in simulated car smashes.

It was this last routine, together with an on-site "freezing experiment", that raised the ire of many animal liberationists. For two years in the late

## THE LAWS

The key machinery for controlling and monitoring the world primate business is the 1973 Convention on International Trade in Endangered Species (CITES), to which 77 countries, including Britain, are now party.

All 184 primate species are listed in its appendices. The 66 most threatened are in Appendix I and must not be the subject of "primarily commercial" transactions. Included are gorillas, orang utans, chimpanzees and some of the more delicate New World monkeys.

The balance, including such laboratory favourites as cynomolgus, baboons and marmosets, are logged as "vulnerable to unregulated trading" in Appendix II. Appendix I animals require both export and import permits. Appendix II creatures need export permits only.

The United Kingdom implements CITES principally through the Endangered Species (Import and Export) Act 1976, whose Lists A and B conform roughly to CITES I and II. The Department of Environment is advised by the Scientific Authority for Animals whether import licences should be granted for A animals. Any licence applies to just one consignment (usually lasting nine months) of a single species and must be accompanied by a CITES export permit.

1970s - according to Shamrock's own journal - 25 cynomolgus were kept in "a kennel and run with minimal heating in the living area". The 18 that survived were then divided into two experimental groups of nine.

The first batch all perished when night temperatures fell below freezing. Five from the second batch also died during a 14-hour period. The remaining four were saved by an infra-red heater and were left out for the rest of the winter. Despite the losses, the experiment had pointed to "large savings" in heating bills.

Earlier this year the Animal Liberation Front broke into Shamrock, spraying paint and blood and destroying medical equipment. Last month several thousand protesters marched to the Small Dole premises. Now coils of barbed wire have gone up around the perimeter and sentries make night patrols.

Edwin Lonsdale seems baffled by the liberationist storm that now whips around his enterprise. In the old days it was simple business, a straightforward matter of humans taking natural precedence over monkeys. He entered the trade after the war when, with two friends, he went to India. Originally it was to collect zoo stock. Then he ran into that bottomless, gilt-edged polio vaccine business.

Mr Lonsdale says he has felt "sad" about the fate of his monkeys. "Have done for 25 years", he says. "And that's the truth!" But when he reflects on the "millions of lives saved" due to primate-assisted medical developments, he expresses no qualms whatsoever. "I'd sooner all the monkeys in Africa than my family. And my friends' families."

All the monkeys in Africa and Asia and South America are indeed threatened by the vanity of the advancing human populations. The highest primate - the human - requires the monkey's habitat, both timber and land. And if the monkey continues to haunt its old territory, it will be killed as a pest or, better yet, trapped and sold to eager western traders.

Additional reporting by John May (UK) and Lee Torrey (US)

## TOMORROW

Is there an alternative to monkey experiments?

Pianist Sakis Papadimitriou has broken out of the confines of mainstream Greek music to emerge in the forefront of avant-garde jazz

## Breaking the culture barrier

Culture is booming in Melina Mercouri's Greece: there have been more festivals and special events this summer than ever before in the country's history, many of them sponsored by the Ministry of Culture, local authorities and political parties. This formidable and unprecedented boost to the arts has not just assisted established left-wingers such as Theodorakis or the various forms of bouzouki-based music popularized in the West by films like *Zorba the Greek* and *Never on Sunday*. For an avant-garde pianist like Sakis Papadimitriou, the new policy has been a blessing as arts patronage had previously flowed almost exclusively from the coffers of shipping millionaires, none of whom are particularly known for their support of experimental art.

Jazz is hardly part of the mainstream anywhere today, and in a country such as Greece, where art in the last 150 years has been inextricably tied up with nationalism, it has been pushed well into the fringe by a commercial music industry which dominates the airwaves and the ubiquitous restaurant jukeboxes. It is perhaps for this reason that Sakis Papadimitriou, Greece's best-known jazz musician, should be an uncompromising experimenter, who has broken away from the influence of the American musicians who once inspired his playing. In his most recent concert, an event supported by the Thessaloniki city council and the Ministry of Culture, a group of dancers attempted to completely cover Papadimitriou with plastic bottles, as he improvised. He admits freely that his music has become increasingly difficult to distinguish from performance art or theatre.

Papadimitriou is better-known in Greece at least, as a writer of short prose pieces and essays, produces regular jazz programmes for ERT, the national radio network and edits and publishes *Plus and Minus*, a lively periodical devoted to new trends in jazz, improvised music and contemporary art. His music is just one element in a range of exploration beyond the boundaries of accepted culture, Greek and international.



Papadimitriou: piano and plastic bottles

Papadimitriou was born 43 years ago in Kavala, and studied law at the University of Salonika. He began writing seriously at 16, and acknowledges in particular the influence of the Salonika school of writers, most of whom are untranslated and unknown outside Greece. There was, too, the inevitable impact of Kerouac, Burroughs, Kafka, Sartre, Camus, and others: "I was interested in writing better Greek, in playing with the meaning of words and the context of metaphor." By "better Greek", he did not mean the pure Greek pushed so hard by the cultural wing of the Colonels regime, but a language which went beyond appearances, and restored the power of words.

The same goal lies behind the exploration of pure sound which Papadimitriou pursues in his piano playing. He stretches the piano beyond its ordinary limits, for as well as using the instrument's keys, he also plays the strings inside with a constantly changing arsenal of mallets and metal objects. The result encompasses a series of mood changes, from meditative peace to chaotic violence.

Papadimitriou's concerts are usually followed by lengthy discussions with the audience. He is determined that his various artistic activities should be accessible, and is willing to discuss and

explain what he does, although he admits that he may not always be able to clarify a process which in many ways draws its strength from a rejection of logic and rationality. His personal modesty and openness set him apart from the arrogance and dogmatism which often isolate radical innovators: "I want to demystify what I do," he explains; "audiences may be surprised by how quickly I can go from playing so much inside myself to analyzing it five minutes afterwards, but I think that everyone in the arts today should be ready to discuss what he is doing."

Many of the questions are political, and Papadimitriou admits that what he is doing raises fundamental political issues.

He is not prepared to follow any party line, a position which has grown increasingly difficult now that the Socialist and Communist Parties tussle for the youth vote by organizing musical events: "Improvisation is identified with the left in all countries, but I refuse to be involved with any political party. I discuss politics, but I will not join a movement. I refused to play in a concert to support Solidarity because I felt that it was wrong for slogans rather than music to unite people." He also refused invitations to take part in concerts organized by the Young Socialists and Communists.

The political situation today, however, is clearly one he finds easier to cope with, and preferable to the near total censorship that existed under the Colonels. During the days of the Junta, Papadimitriou recalls: "There was no question of doing anything. You could write short things about music and book reviews, but nothing that might be considered 'peculiar' by them. You needed a permit to give a concert." It was a period during which he travelled a great deal, and even tried living in London for a while, but he always returned to Greece, unwilling to substitute the excitement of the international scene for a deep sense of belonging to the country of his birth.

Mark Kidel

moreover... Miles Kington

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*The Ludlum Dossier*, by Jack Forsyth  
*The Forsyth Memorandum*, by Desmond Beagle  
*The Bagley has Landed*, by Ken Dunsmuir  
*A Flight of Bees*, by Ed Sedley  
*The Gynsum Factor*, by Lud Boblum  
*The Dread Forsyth*, by Fred Kennet  
*The Forsythia has Landed*, by Kennet Avon  
*The Bugle Takes Off*, by Avon Hunter  
*The Desmond Syndrome*, by Hunter Hawker

**Animal Books**  
*If Vets Could Write*, by Heriott Watt  
*Gandhi's Pets*, by Richard Attenborough  
*Git Along, Little Doge, Git Along*, by John Julius Norwich  
*Daddy Wouldn't Buy me a Boer War*, by Ken Griffiths  
*If Pigs Could Fly*, by Sir Robert Mark  
*La Sleeping Bags Lie*, by Robert Anorak  
*Dogs Say the Darndest Things*, ed. Gyles Brandreth  
*Not the Nine O'Clock News*, by Ken Livingstone  
*It Shouldn't Happen to a Vet*, by Villi Vitale

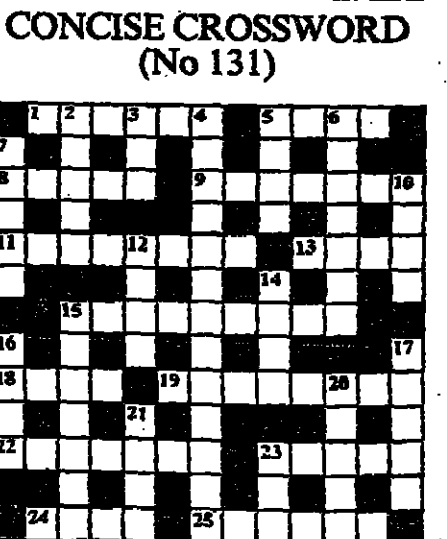
**Humour**  
*A Hundred Uses for One Idea*  
*Nail the Nine O'Clock News*  
*How my Mummy won the Election*  
*The Edwardian Lady's Irish Joke Book*  
*Terry Wogan Talking*  
*Henry Kelly Talking*  
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*The Private Eye Book of Apologies*  
*Not Another Book*  
*The Vintage Roy Hattersley*

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*Dying Makes You Stop Living*, by Geoffrey Cannon  
*Yomp and Live*, by Dr Max Hastings  
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**Sport**  
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*As Told to*, by Geoff Boycott  
*How We Lost to the All Blacks*, by Geoff Dilley  
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*How We Lost the Davis, Wightman, etc Cup*, by Geoff Whiffle  
*Why We Must Throw Away Our Javelins Now*, by E.P. "Daley" Thompson  
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**ACROSS**  
1 Tidy helping (6)  
2 Refuge (5)  
3 Shortage (4)  
4 Ore analysis (5)  
5 Hold back (6)  
6 German man (4)  
7 Self-assured (9)  
8 Call meat (4)  
9 Unbeliever (8)  
10 Wanderer (7)  
11 Told (5)  
12 Microscopic organism (4)  
13 Jeans (6)  
14 Clash (3)  
15 Thievish (5,8)  
16 Welsh emblem (4)  
17 Catcher together (7)  
18 Number work (5)  
19 Standard (4)  
20 Tinge (4)  
21 Prohibition (4)  
22 Poison (7)  
23 Enthusiastic (4)  
24 Head skin (5)  
25 Heat unit (5)  
26 Stalk (4)  
27 Family (3)

**SOLUTION TO No 130**  
ACROSS: 1 Kwashiorkor 9 Aerosol 10 Clash 11 Yak 13 Idea 16 Kill 17 Meekly 18 Limp 20 Para 21 Update 22 Zany 23 Wore 25 Beg 28 Limbo 29 Outpace 30 Blunderbuss  
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## FASHION

Vivienne Westwood is a by-word for avant-garde London style. Anarchist and artist, she aims to turn ideas on their heads, but she is better known in Europe than back home. Guest writer Georgina Howell talks to the designer who created punk-style, dressed Adam Ant and wants to change the world



# The shock of the new

Gentle, fervent, scruffy, Vivienne Westwood is the image of an English missionary with a devilish vocation - to dress the civilized world in primitive warpaint.

Turning ideas on their heads is her stock in trade. Her aim is "to make the poor look rich and the rich look poor". She is, she says, an anarchist and an artist. "It is an artist's job to wreak violence on a culture to give it new life. In taking from other civilisations I'm just doing what Picasso did when he used Negro sculpture imagery in his painting *Demotelles d'Alger*. He decided that the tradition of the human figure had finally lost its power and that he had to look to emblems of savagery to give it a future."

If Westwood thinks and talks more like a painter than a fashion designer and sees herself as doing to fashion what artists did to art in the early part of this century, the justification must be the clothes themselves. Are they revolutionary? Do they dress the body in a way different from what we traditionally expect? Do they provoke shock and scorn, followed by acceptance and respect translated into hard cash? Will they enter the vocabulary of fashion and change it forever?

It is appropriate to look at her contribution this year, her wealth in the business and her fourth in the international arena, as she has just taken a major step in the commercial game by moving her production to Italy. After a decade of *gnarled fourgon* in the King's Road, she opened the 1980s with the Pirates collection (as worn by Adam and the Ants) which had a tidal effect on the fashion world and sold right across the age barriers. She went from dressing a street to dressing the world in a single move. She announced: "I wish to declare myself an international and not a provincial designer". She gave up showing in London and took her next collection to Paris. "You had to miss. Givenchy to see Westwood" a fashion editor told me. "It was worth it." With now two shops in London and showrooms in Paris, Milan and Rome, she has been showing in Paris for three seasons, and her last collection, *Witches*, provoked £250,000 worth of orders from Italy alone.

"We've always been self-financed," said Vivienne of her partnership with Malcolm

McLaren. "Suddenly our resources were not sufficient to fulfil the kind of orders I was getting. This country takes no account of talent - the banks won't give you the kind of financial backing you need to make your business international. Italy's different. Here all my bank manager wanted to know was whether I had a house I could mortgage. There they back talent with money and give you everything you need to make a million garments instead of 200". She will also be doing consultations and franchises, but has no fear that that might thin down her own collection. "I'm overprogrammed with ideas anyway."

While the Westwood/McLaren shop at 430 King's Road turned from Let It Rock to Too Fast to Live, Too Young to Die, to Sex and Seditionaries and currently to World's End, Westwood turned out a stream of clothes and looks unlike anything the fashion world had seen. She picked through time and space and the 'untouchable' areas of big city life to give us rubberwear, bondage trousers, 'muscle' T-shirts from gay gyms, the ripped T-shirt (do it yourself), the triple-tongued sneaker ('something steady to rock on'), the Chico hat, the Smurf hat, pirate swagger, graffiti prints in baked ink, duster shoes, bras worn over dresses, rags in braided hair, shorts with big hanging pockets... a cornucopia of images both palatable and unpalatable (the Cambridge rapist, T-shirt, the court case gay cowboys print) all subversive, classless and undermining the status system of fashion which conventionally 'places' the wearer in a social hierarchy.

Her shop was where the Saturday parade down the King's Road stopped and she worked so close to the ground it was impossible to say which was the chicken, which the egg - did the styles spring from the street or the shop? Did it matter? Her clothes became a badge for the boy who left school early to live in a London squat and for the heiress determined to stand out. In the trade there was shock, there was horror, and there was an overwhelming interest. Joseph Ettedgui of the prospering Joseph shops (who stocked the Pirates collection) found himself constantly playing host to designers and buyers from America, "and all they ever wanted to do was to be taken

straight to Vivienne's shop to see what was cooking".

Vivienne Westwood owes an enormous debt to Malcolm McLaren. If she is the artist, he is the critic and salesman, manager, promoter and exploiter of her talent. "He taught me everything. When I met him I had hardly read a book and never seen a play." She is the daughter of a cotton mill worker from Tintwistle, Manchester, the son of a cat burglar from the East End. Clean Slate meets Streetsmart. McLaren, the father of one Westwood's two sons, soon had her making him Teddy boy jackets. "Taking a drape suit or a Ted jacket apart stitch by stitch, studying the linings and interlinings, and making an exact copy was my only formal training. It's the best. Leonardo da Vinci said: 'He who can spy can create'."

Manager and inventor of the Sex Pistols, Adam and the Ants, Bow Wow Wow and Boy George of Culture Club, McLaren released his own LP, *Duck Rock*, three months ago. "For the young music is the medium," he told me. "The clothes needed the groups. Now she doesn't necessarily need the music, if her story's powerful enough. When I went into the music business no one wanted to know about the fashion connexion. Now it's the biggest plus you can have. When a pop group signs up with a recording company today there'll be a clause written into the contract that the group will have £1,000 a week to spend in clothes. The Sex Pistols got that ball rolling. As long as the group has the right look today, the music doesn't matter too much."

Although they live apart, their partnership is close. "I always thought all the ideas came from him," says Westwood today. "but I soon realised that getting the job done was the job. That's not to say he's not essential to me. He edits my work, gets all my ideas down on a board, sorts out the story, gives me an avenue of approach. He unscrambles my programming."

When she talks about her clothes, Vivienne Westwood uses words like "grand", "strong" and "free" instead of "beautiful". She cuts in the flat rather than the round, like someone doing origami, but in this she is not unique: it's a technique used by Rei Kawakubo of Comme des Garçons, La Maison Bleu and Kenzo.

Outside the wacky World's End shop (left): Ann Witchard wears orange and green cotton knit top, approx £25, and tube skirt £10. Straw mountain hat £20 and rubber sandals £20. David Bracher wears cream cotton knit shorts £10 and top £25. Double-brim hat £10. Mixing the looks along the King's Road (right): Gene Krill knots his own chambray shirt over a graffiti T-shirt (£25) and hoicked-up trousers, rolled to reveal green fluorescent socks (beloved in the Teddy Boy era) and shocking pink boxer boots. "Buffalo Boy" David Bracher works as a sales assistant in Ryman's and swaps his hobo clothes for a uniform when he arrives at work. Ann Witchard in blazer/uniform print skirt and top from this summer's "Punkature" collection.



Looking Westwood: (left) Kim Sion, public relations officer to Vivienne Westwood in brown chalk striped serge jacket £150, serge kilt with rolled "bandage" waist £120. Marble print shirt £28. Chico hat £20. From the autumn/winter collection "Witches" at World's End, 430 King's Road, SW10 and Nostalgia of Mud, St Christophers Place, W1. Urban Lifestyle: (right) Maroon sweatshirt jacket, print by New York graffiti artist Keith Haring, £84. Swoosh shirt with baked ink print £44. Linen "Koo" top with fluorescent lime green graffiti £30. Keith Haring scarf £24. Day glo plastic "fire" bracelet by Ted Muehling. Fashion assistant: Christine Pannell. Photographs by Suresh Karadia.

For the last two months up to a collection, Westwood moves out of her sparsely furnished flat in Clapham and into the workshop behind Regent Street. She starts each garment from scratch, pulling cloth around her body and chopping at it from there. She uses an experienced pattern cutter, Mark Tabbard, to show her what is generally done before she works out her own approach.

"What I'm not trying to do with my clothes is to make a kind of shell that stays in place half an inch away from the body. My clothes are dynamic. They pull and they push and they slightly fall off. There's more to clothes than just comfort. Even if they're not quite comfortable and slip and

have to be readjusted now and again I don't mind, because that's some sort of display and gesture that belongs with the clothes."

A Westwood design fits in an unexpected way. When you wear her clothes you are reminded of your body all the time. It's a difficult fit for factories to get used to, which may explain why her clothes, though very well cut, are not always put together properly. Once the clothes are being produced in Italy, she says, her ambition is to hear customers say how well they are made.

McLaren sees the move to Italy as inevitable. "This island is a third world banana republic with no bananas. It is hard to do well here," he says, "because we are a country of eccentric craftsmen and cottage indus-

tries. The British consider themselves above fashion. If you want to design interesting clothes you must make them in a bedsit and sell them from a market stall, or go and work in a backroom at Dorothea Biss. Neither are Westwood clothes likely to sell in enormous quantities in the United States because there the rich like to look rich."

"In both countries the people who buy our clothes are the dispossessed, the disillusioned, the graphic artists and the liberated mothers". The biggest orders come from Japan and Italy, which he finds appropriate. "Japan was for so long an isolated island that it has never got over its hunger for the status of ideas. Italy is the country of Fellini and the grand gesture. They like to mess around."

At the end of the year Vivienne Westwood will receive one of the fashion industry's highest accolades when, like Jean Muir and Zandra Rhodes before her, she will represent Britain in the Women's Wear-Daily Biannual Best of Five event in Tokyo, alongside such names as Calvin Klein of the US, Claude Montana of France and Gianfranco Ferré of Italy.

It seems that she has made a niche in the fashion establishment, and perhaps changed its point of view a little. Will she be able to keep one foot in the street and one in high fashion? If she is still getting her clothes talked about in five years time, she'll have achieved something unique. As anthropologist Ted Polhemus, co-author of *Fashion and Anti-Fashion* put it: "High fashion has undoubtedly gained by admitting Vivienne to their fold. Has street style lost its greatest champion?"

Suzi Menkes  
is on holiday



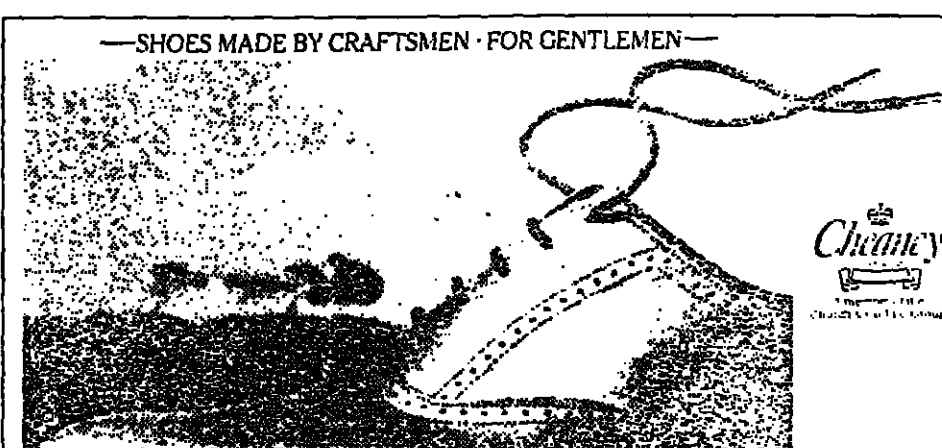
These hand-painted ties are for individuals. Mannequin Buzz (left) wears silk bow £12 from Crolla, 35 Dover Street, W1. Scott has a woven hat tie £16 from Crolla. Striped shirt by Perry Ellis, Browns, Braces, Paul Smith. Gene (front) sports silk tie £11.95. Royal Academy of Arts Gift Shop. Twill shirt £48, Chatters, South Molton Street, W1. Dummies £160 each from Metro Grand Mannequins, 1-3 Cadogan Road, SW11.

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## THE TIMES DIARY

### Chutzpah

Naim Attalah of Quarter Books has entered *God Cried* written by Tony Clifton for the £3,000 H. H. Wingate Prize. What makes this noteworthy is that *God Cried* is a vivid eyewitness indictment of Israel's brutality in last year's siege of Beirut, and that the Wingate Prize is for the author of the book that does most to stimulate interest in Jewish affairs. Attalah, a Palestinian patriot, agrees there is scant prospect that Clifton will win. "For us it is worthwhile because at least the judges will have to look at the book and see the other point of view," he says.

### Well red

Unseated MPs habitually welcome the chance to catch up on their reading. Tony Benn has arranged to get paid for it as well. He has been signed by Faber to edit its *Radical Reader*, a compilation of writings of the left from the Peasants' Revolt to the present day.

### Goff's gaffe

Maryn Goff, director of the National Book League, has the pleasure this week of seeing one of his novels republished as a classic text. Brilliance Books, a new imprint devoted to homosexual themes, has already republished Gertrude Stein and Jean Cocteau, and on Thursday reissues Goff's *The Younger Director*, which originally appeared in 1961. As a classic, the text is of course unaltered from the hardback original, which is unfortunate because over the intervening years Goff had forgotten that his intended ending to the book was cut by John Pudney, then editorial director at Putnam. Goff had it reinstated for the subsequent paperback, but it is missing again from the new edition. "It is strange how one forgets something that seemed so important at the time," Goff muses.

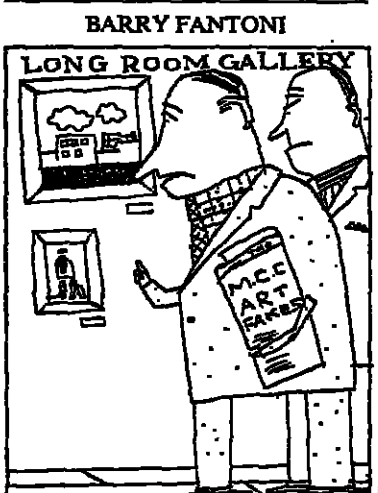
### Maid to measure

The latest issue of *Broadcast* notes that Thames Television, an equal opportunity employer, now boasts a woman VTR editor, but that inquiries as to her identity were met with sheepish shuffling. "It appears a resident VTR editor underwent a sex change operation. It's a bit of a drastic measure to ensure a quota of women in production."

● The equality officer of the London freelance branch of the National Union of Journalists is the equally named Michael Ann Mullen.

### Mal de Mel

My colleague Mel Calman has staged an Edinburgh festival exhibition of cartoons from his Workshop gallery in the Assembly Rooms. Sales are so slow that yesterday Calman took to working as a pavement artist outside, with a hat for contributions. By mid-afternoon he had raised all of 37½p.



"This can't be right. It shows Geoff Boycott scoring a century before lunch."

### Ioned out

Some months ago I acquired on loan an ionizer from a new shop in Battersea, the Ion Age, who suggested that it be sited in the bedroom of an asthmatic sufferer of my choice. There would be, I was assured, swift and spectacular improvement in the patient's condition. Not so. In fact the device attracted pollutants, depositing them as a grimy film on nearby surfaces, while the wheezing carried on as usual. A fellow asthmatic - a much more severe case who, between trips to his oxygen cylinder, logs his condition - also found the ionizer made no difference. The Asthma Research Council confirms my unofficial findings and reckons ionizers are useless. Hard luck, Ion Age: harder luck still for hopeful asthmatics who might have bought an ionizer, some of which sell for more than £70.

● From the South Lewisham Institute, I note that classes in cookery will be taken by Mrs. Delicata, the short Greek course by Mrs. Economou, and shoe repairs by Mr. Amato. Spanish dancing, on the other hand, will be done by Mrs. Rumbold, with husband Sid on guitar.

Among the victims of the war in Chad could be two species of antelope, the scimitar horned oryx and the addax. The Fauna and Flora Preservation Society is Chad-watching with particular concern because an oryx is the emblem and the addax the logo of the quarterly magazine, adopted in 1950 for no better reason than that it was "convenient and attractive".

PHS

# Give the watchdogs more bite

Alex Henney puts the case for American-style regulation of our monopoly services, whether privatized or remaining in the public sector

The electricity industry has just declared a surplus of £32m for 1982/83, pleasing the Treasury but not consumers. In New York last year, the regulatory commission ordered the private gas and electric utilities to return \$104m excess profits to customers. Monopoly services in Britain are publicly owned and rarely give anything back.

It is clear that if we are going to privatize natural monopolies they must be regulated. Ofel has been created to regulate British Telecom, and a debate is in progress on how best it should function. But some form of regulation is also needed for monopolies such as electricity, posts, and water, which are likely to remain public for a long time yet.

Franklin Roosevelt, as Governor of New York State, said that regulatory commissions were to be "the representatives of the people to see that utilities do two things: give service and charge a reasonable rate".

The commissions have a judicial power to determine issues. They base their decisions on federal and state laws, and on their own precedents. When a private American utility wants to increase its tariffs, it has to apply to the commissioners and justify the reasons for the increase in great detail. It has to go through its budget in a process that is similar to a public inquiry (but is under oath). The commission's staff critically analyses the utility's submission and, to assist their analysis, can demand any information.

The commissioners' ruling on an application gives detailed reasons for their decision, which can be challenged in the courts. They may disallow certain expenditures, such as excessive advertising or cost overruns on capital schemes that have been mismanaged, and would definitely disallow losses on activities that are secondary to the utility's main business, such as appliance selling and gas and electrical contracting. Disallowed costs are carried by the shareholders - an incentive for good management - and cannot be passed on to consumers (as happens here, without any explanation).

The rigour and openness of this process in

stark contrast to British practice. In electricity supply, the Generating Board sets its wholesale tariffs (some 80 per cent of the final price to the consumer) in secret discussions with the government and the Electricity Council, and has resisted consultation with the Electricity Consumers Council. As for retail tariffs, the London Electricity Board (and I suspect others are little different) traditionally receives a schedule showing the proposed tariffs, a sales and demand forecast, an explanatory memorandum about fuel costs and government financial targets, and a one-page budget for LEB's operating costs of nearly £200m. With such skimpy documentation, I cannot see how Board members can be satisfied that they are fulfilling their duties to promote the efficient distribution of electricity and avoid tariff discrimination.

The consumer councils have neither the powers nor, with some exceptions, the expertise to scrutinize and challenge industries' performance. In electricity, they typically spend only two or three hours a year considering tariffs, often in closed session; and show little interest in value-for-money audits. The record of government has not been much better. It has frequently been criticized in official reports for failing to monitor nationalized industries; it "asked" them to publish performance indicators in 1967, but did not follow up effectively. The Price Commission was often facile, and it was toothless. The industries, for their part, are unduly secretive and have always resisted external scrutiny.

Times are changing, and the Government is taking a more active interest in efficiency, and in making the industries more open. It has started to set performance targets for

boards, has directed the Monopolies Commission to management audit them, and is requiring them to publish better indicators. It has made the planning application for the Sizewell B nuclear power station into a major public inquiry.

But we must go further to make public boards more accountable and consumer responsive. We must abolish cosy paternalism in favour of public accountability, public performance monitoring, public scrutiny - and bonuses for managers who perform well. External board members should be given clear statutory responsibilities, including that of operating scrutiny committees, and a fiduciary duty that could be challenged in the courts. The standard required of the industries' external auditors should be raised to that now required of local authority auditors, namely to report on matters in the public interest and on value for money in consumer services.

More radically, we should draw upon best American practice and set up utility commissions. They would scrutinize board performance on behalf of Parliament and consumers, and exercise limited powers of direction. They should hear applications for tariff increases in public and have access to documents, disallow expenditures that are not adequately justified, undertake efficiency studies and order boards to discontinue loss-making peripheral activities; direct the form of their reports and accounts; and rule on consumer complaints.

Given the right statutory framework, commissions would distance monopoly services from the government, getting it away from the current minutiae with which it is involved and leaving it to concentrate on major issues. We need to reduce the scope for the sloppiness, ambiguities, and confusion that have characterized relations between governments, nationalized industries, and their consumers for the last 30 years and to develop an adequate system of checks and balances.

The author is chairman of the London Electricity Consultative Council and a board member of the LEB.

## As the dust of Lebanon settles, diplomatic victories on all fronts

### Israel at last comes in from the cold

Jerusalem In New York last Friday, Abraham Ben-Yosef, the Israeli Defence Ministry's adroit representative in the United States, put his signature to a \$2,700m arms deal which will ensure Israel the delivery of 75 ultra-sophisticated F-16 warplanes.

The little-publicized signing ceremony was significant not only because of the size of the deal - the largest ever negotiated between Israel and the US - but also for its symbolism. At the Foreign Ministry in Jerusalem, it was viewed as conclusive proof that Israel has shaken off the status of diplomatic pariah which resulted from the war in Lebanon.

Soon after Israeli tanks rumbled north on June 6, 1982, the impending F-16 deal was indefinitely frozen on the instructions of President Reagan. The decision to allow it to proceed was taken in Washington soon after May 17 this year, the day that Israel signed the pact with Lebanon which has proved the key to its escape from diplomatic isolation.

"Although the agreement has never been implemented, or even ratified by the Lebanese government, it was seen around the world as evidence of our good intentions," explained an Israeli official. "The mere fact that we had signed our second pact with an Arab neighbour made a lot of governments look at us in a different light."

In addition to the agreement - which is destined never to come into operation until Syria agrees to leave Lebanon - the departure of reserve General Ariel Sharon from the Defence Ministry, and the ambitions of Colonel Gaddafi of Libya, have also helped the Begin government stage its diplomatic comeback.

This is now being demonstrated with the arrival of Liberian President Samuel K. Doe, the first black African head of state to visit Israel since 1971, two years before 26 African countries broke their diplomatic ties in protest over the Yom Kippur war.

Although the Israelis do not regard the former sergeant as one of Africa's leading statesmen, they see his willingness to travel here with six government ministers and a well signalled intention to clinch a military deal as evidence that the diplomatic tide in Africa is beginning to turn in their favour.

One of the factors influencing Liberia's recent decision to resume diplomatic relations was Israel's promise to use its political clout in Washington on President Doe's behalf. It is now hoped that others of the eight black African states which originally indicated they would follow the example set by Zaire just a month before the Lebanon invasion will return their ambassadors before the end of the year.

A few weeks ago, Yitzhak Shamir, the Foreign Minister, held secret talks with President Felix Houphouët-Boigny, the septuagena-

rian leader of the Ivory Coast, and there have been a string of similar clandestine talks with representatives of the other countries on which Israel is now pinning its hopes in Africa. These include Nigeria, Togo, the Central African Republic, Kenya and Senegal.

Although the markedly improved relations with the US are seen as the most important by-product of the Lebanon agreement, there is also satisfaction at Israel's improved diplomatic standing in Western Europe.

This was most clearly manifested in June when the EEC collectively renounced the economic sanctions imposed after the invasion of Lebanon, including a prohibition preventing the financially hard-pressed Israeli government securing loans on preferential terms.

Two more concrete examples of Israel's return to favour were the decision of Chancellor Helmut Kohl of West Germany to make what is certain to be a controversial visit to Jerusalem this month and the move by Iberia, the Spanish national airline, to open a direct route to Tel Aviv in July.

This is regarded by Israeli

diplomats as a precursor of the opening of full diplomatic ties with Spain. To support their optimism, they cite recent visits here by a number of leading Spaniards and the appointment of an unofficial Israeli representative in Madrid.

Even in Eastern Europe, Israeli diplomacy has scored a success with last week's visit to Bucharest by Mr Shamir and the promise of improved trading ties between Israel and Romania. "Who would have thought that a year to the day since the heaviest bombing of west Beirut, our minister would have been warmly welcomed in a communist capital," remarked one member of the Israeli party.

Amid the current diplomatic euphoria, Egypt still refuses to return the ambassador withdrawn from Tel Aviv last September. As President Mubarak continues his efforts to reassert Egypt's traditional influence in the Arab world, the Israelis see little chance of any immediate thaw in what they now describe as "the cold peace". Their one consolation is that they also see no real danger of the Camp David treaty being revoked by Cairo.

Christopher Walker

## Rocking to rule with a Christian superstar

Budapest In heaven, a special table must surely be reserved for those who have become the subjects of jaunty musicals and heavy rock operas. Eva Peron and Che Guevara, Elvis Presley, draft dodgers, deaf-and-dumb punball players: nobody, it seems, is safe from posthumous trial by noise. For no apparent reason, lights flash, guitars throb, lasers lace and grown men dressed in costume ride horses across ice rinks.

Until last weekend King Stephen of Hungary was simply the man who established Christianity in his country. He was crowned on Christmas Day in the year 1000, received the blessing of the Pope and, in due course, was canonized. Later, on his feast day, King Wenceslaus went out and gathered winter fuel, providing useful material for a carol. That was about it: a good pedigree, a decent sort of life.

Now Stephen has become the hero of a rock opera, Hungary's first. *Stephen the King* written by the rock musician Levante Szoranyi and the lyricist Janos Brody, has just been performed for three days in Budapest.

Actress Eniko Toth provided the love interest and costumers ran up several pairs of tight trousers for King Stephen's stage meeting with the Pope. The show was neither worse nor better than dozens of

similar extravaganzas. Now the whole thing will be recorded at a new studio on the outskirts of the city.

The opera illustrates the competing trends in the official approach to rock music in Eastern Europe. One trend takes its measure from Moscow where the new Andropov ideological message is to protect the young, steer them in "progressive" directions, be vigilant against western decadence, take off your Pink Floyd T-shirts. In Moscow some rock bands - notably The Peddlers - have been banned, others reprimanded for disturbing traditional Russian tunes. In Poland, punk bands such as Perfekt have been barred from appearing, the group SS-20 has been told to change its name, and lyrics are regularly censored.

The other trend is dictated by economics: hard currency is at a premium and some groups can sell their products abroad. These are tolerated. Even western groups such as Nazareth have been allowed to perform in Hungary - providing that a suitable deal is reached. In the case of Nazareth, the performance - in the Budapest hills - will be filmed, and will feature in an American-Hungarian horror film to be marketed abroad. It is financed by British money.

*Stephen the King* is an extension of this trend. Rock operas, East European planners have decided, are exportable. Thus the director of theatre of the Lenin Komsomol in Moscow is planning to take his successful rock opera *Janos and Avas* to the west. According to businessmen who are involved in the transaction, the show meets the highest western standards of saccharine.

The story stars a Russian nobleman who in 1812 sails to California and falls in love with a 15-year-old girl. He returns home to seek the approval of the Tsar for marriage but dies en route in Siberia. The girl, who hears nothing from him for 35 years, goes into a convent and dies there, never betraying their love.

Stephen is not quiet as bad but it too shows a concern with the past, a sense of national continuity that precludes socialism.

Despite Soviet strictures to its youth, domestic demand has to be satisfied in some way. Rock music comes over the airwaves via western radio stations and detente opened up the East in a way that cannot easily be closed. New studios just completed outside Budapest - at a cost equivalent to £600,000 - are designed to release pop and rock music for young Hungarians under four labels. The studios will have an

independent budget and musicians will be able to choose under which label they want to perform - thus large sign-up contracts are possible as in the West, for popular artists.

In Poland, businessmen have been considering for some time now how a similar scheme could be worked. One idea is that British groups whose reputations are beginning to flag in the West could be brought to the East for relatively cheap tours. Then make a record at Polish studios, which could be sold in the West. This would meet domestic demand and satisfy the current hunger for hard currency.

The best bet, for the East European planners is still rock opera. The ideological message can be more closely controlled and, quite simply, the Marxist mind understands bad opera. The years when "socialist realism" set the tone of all performing arts provided a vast and forgettable crop of operas about the building of power stations, a favourite metaphor for the building of socialism.

But must all rock operas be set in the distant past? Can we not look forward to a spectacular laser show about Stalin's friendship with Trotsky? Can we not set the purges to music? Watch this space.

Roger Boyes

Roger Scruton

## To the Gulag via Helsinki

The purpose of dancing is the dance. The purpose of chatter is the chat. Human life presents countless such social occasions, in which we renounce our business, and find pleasure in the present moment alone. All time not spent in dancing or in conversation is wasted time. For these moments contain not the means of human existence but the end. The dancer and the talker are at rest - but actively at rest, rejoicing in their social condition, and at one with their fellow men.

The most valuable relations are also those, like friendship, which have no further purpose. The opposite of friendship is not hatred but crime. The criminal is the man whose purpose is to impose his will over every opposing claim. He is the man prepared, through force, fraud or manipulation, to discount the freedom of the other who stands in his way. He is the true enemy of peace, for he destroys the trust which makes conversation possible.

States are more like people than they are like anything else: they exist by purpose, reason, suffering and joy. And peace between states is also like peace between people: it involves the willing renunciation of purpose, in the mutual desire, not to do, but to be.

Peace is endangered, therefore, not by the weapons of the peaceful, but by the actions of the purposeful. There exist states, just as there exist people, whose lives are structured by a purpose, and who cannot accept another's freedom as an obstacle to its fulfilment. The overriding aim is so urgent that neither the freedom nor the existence of another people can deflect it.

If the purpose is also international - involving transformations beyond the frontiers of municipal government - then peace has already been put at risk. We know this from Iran and Libya. But we ought also to have known it from the Soviet Union, a state founded upon a consuming international purpose, which has never ceased to impose its preferred political order upon unwilling recipients, whether in its own domains, or in the domains of clients and neighbours.

Criminal law exists in order to deter the over-purposeful. But international law, which lacks the supreme coercive power of a sovereign authority, cannot exert any comparable influence. It is obeyed only because states agree to be bound by it. Of course, all states appear to be bound by international law, since there is value in sustaining this appearance. But states with a ruling purpose cannot really be bound: they cannot be bound "in their hearts". For their hearts are ruled by something other than law, something which discounts law whenever it conflicts with the overriding idea.

States which accept international law do so because it is the universal

shadow of a principle by which they already live. Thus Canada and the United States, each of which is governed by a rule of law, find no difficulty in coexisting, despite longstanding disagreements over territorial waters and disputed islands. No troops amass on their common border; no threats are made; of sanctions imposed. For a legal decision will suffice to regulate the conduct of the parties.

The mark of the purposeful polis is that it cannot be governed by law, that actual law is a pretence, which vanishes just as soon as the ruling purpose is questioned, or compromised. Such states are never truly at peace, since they are never at rest. To converse with them is dangerous; to cease to confront them yet more so.

Consider the Helsinki accords, established in order to reduce the tension in Europe. The "agreement" was twofold: to reduce military preparedness, and to extend human rights. But naive politicians imagined that this agreement was genuine, and took comfort from the fact that it was "made law" by the Soviet state. What a joke! Of course it was convenient to pretend to the

A brilliant new method was acquired for identifying troublemakers. The brief pretence of legality encouraged the bravest and best citizens to come forward to attempt to secure obedience to this novel law which seemed to grant essential freedoms

agreement; and to dress it up in the bourgeois trappings of legality. Western eyes were closed for a while to the raw build-up of armaments.

Moreover, a brilliant new method was acquired for identifying troublemakers. The brief pretence of legality encouraged the bravest and best of the citizens to come forward, to associate, to attempt to secure obedience to this novel law which seemed to grant essential freedoms. No more economical way could have been discovered of persuading the next inmates of the Gulag to give themselves up.

And, for some unaccountable reason, we are still discussing, still attempting even to "renew" this "agreement" that has so endangered us. Is it not time that we woke up, time that we realized that we should feel bound by agreements only towards those who are able to respect them?

Paul Jennings

## Class warfare on the open road

Now that car registrations have got around to A again (whatever happened to Z? Surely they didn't skip it merely because of associations with that old TV serial?) this is peak alienation time for the average motorist. And that is surely the majority of us, still paying off the loan for some model in the P to T period, wondering uneasily if the tin of aerosol touch-up we finally settled for is too far away, now we actually squirt some out in daylight, from the colour which surrounds the creeping rust on the offside headlight. (And what does that idiotic little ball inside that rattles so, when we shake vigorously for two minutes, as instructed on the tin, actually do? It sounds so loose and unconnected.) We are definitely Class Three.

Class Two are the ever-diminishing number who can afford to be in the queue alleged to be waiting impatiently for the new leather, plus the evidently ever-increasing number of those who will automatically receive one from their Fleet Buyer (see Class One, below).

It is difficult enough to define our feelings about Class Two. I don't think we actually envy them. Many of us can remember the days when it was possible even for the likes of us to buy a new car, depreciating like crazy from Day One, making us worry about how long we could stay up there. How much worse it must be now they start at £4,000. At least our cars are past worrying about that way. If we actually had £4,000 there are lots of jollier things we could do than buy a new car. We could get a garage to fix that damn rust on the existing car (engine surely good for another 30,000 miles) and take a few friends to some marvellous place we haven't seen yet (in my case, Venice). Get fitted carpet on the landing and the other bedrooms. Buy three more old cars for teenage children (save us being a taxi service). Perhaps even manage Covent Garden more than once every three years.

On the one hand, if it were not for Class Two there would not be a car industry, and somehow this would affect all the other industries. We should be peasants in smocks, stared at by Japanese and even Taiwanese tourists, and England would somehow be full of lies. On the other hand, it is because of these Class Two people that we pass on the pavements and in rows outside garages on the outskirts of cities, where land is cheaper, hundreds and hundreds of the kind of car we know in our hearts we shall have to get when this thing finally stops dead with a broken piston (and they do, they stop dead, either at 2 am, on some moor or on Saturday morning

in some bottleneck High Street); and these cars have large stickers in red or yellow luminous paint from which it is clear they start at £2,495. Only a year, and the Fleet Buyers are at it again, somehow compelling these garages to take these Vs and Ws and Xs, and now, heaven help us, Ys.

Now, one is constantly reading, or hearing on TV, about Class One, the Fleet Buyers. What feelings should we have towards them? Up to now they have always been men, of a curiously forgettable kind. Well, sooner or later, some of them, as in every other job in the world except that of the Papacy, will be women. You couldn't imagine a Mammy, but it's perfectly possible to imagine women Fleet Buyers.

The question is, have the manufacturers imagined them? Has it, for instance, occurred to them that almost all car names up till now have been classic examples of male chauvinism? Indeed, the very first one I can remember (having grown up in Coventry in or near which were made with the exception of Vauxhall and Ford, all British cars, which 98 per cent of British people used to buy: Standard, Alvis, Triumph, Armstrong-Siddeley, Daimler, Morris, Singer, Riley, Hillman, Humber, with Rover and Austin not far away) was the Hillman Minx. With *Spitfire*, the perfect image of woman as a kind of spirited toy.

Then came all the male macho names: Rapier, Jaguar, Stag, Simca, Avenger (what of, for goodness' sake? Somebody daring to try to pass you?) Following this, perhaps from an awareness that there were already women buyers, if not Fleet Buyers, a softening, down to Herald, Cavalier, Escort.

Then there were sports and resorts: Corina, Granada, Golf, Polo, one hopes against hope that when the Chinese finally export one it will be the Ping Pong. Or total mysteries, like the Passat (an expensive resort in the Atlas Mountains, known only to rich Germans).

The psychologists employed by these increasingly faceless and inter-linked giant car firms will have their work cut out to find names striking a chord in the woman Fleet Buyer. Shall we soon be driving Atlantides, Gonorels, or the Alectra, Megera or Tisiphone (the Furie), the Vagabond, Lesbia, Amazon, Lady Macbeth? Or were other psychologists right all the time about the subconscious female desire to be dominated, was *Maestro* a brilliant anticipation? It will be long after 1984 when we Class Three get to know.

مكتبة الأمل





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## LENDER OF LAST RESORT

Aid to poor countries has never been free of controversy, but rarely has the debate been as heartfelt as it is now. While the poorest countries feel the onslaught of the world recession most keenly, the rich are suffering an acute attack of what Mr A. W. Clausen, the president of the World Bank, has colourfully called "aid fatigue." Multilateral aid agencies are especially susceptible to this complaint, and the worst afflicted at present is the International Development Association.

IDA is the concessional loan arm of the World Bank, lending to the most indigent peoples on the most generous of terms. Since its formation in 1961 it has gained general respect for the efficiency of its programmes, and is widely regarded as the best run multilateral aid agency. Even IDA's powerful critics in Washington accept that its funds are not wasted.

But that recognition has not prevented the American administration from announcing that its contributions to the seventh round of IDA funding, due to start on July 1 next year, will be severely cut. If, as it says, these contributions are reduced from about \$1,000m a year to \$750m, other countries would normally lower their contributions as well because they are supposed to reflect relative economic size. So the total funding for IDA might fall from \$12,000m, the level for the past four years, to \$9,000m in nominal terms. In real terms, of course, the reduction would be much more.

The US administration, which is antipathetic to aid, is suspicious of IDA because that body is largely bipartisan. Congress believes that IDA lends too much to countries hostile to the United States, and prefers the tighter control conferred by bilateral assistance. So adamant has the administration been that

IDA is very worried that the \$16,000m it believes to be the minimum necessary may prove unattainable.

Broadly speaking, the other major donor countries favour a larger IDA than that implied by the United States, and Japan has offered to raise its percentage share. Time is running out for an agreement to bring IDA 7 into operation by the middle of next year.

There is a strong case for sustaining IDA. Not only is it an effective organization, but it is hard to replace. Because its loans are over 50 years and carry no interest, the net disbursements are very high. For countries such as those in sub-Saharan Africa which depend heavily on IDA a shortfall in assistance could be painful. It is most unlikely that other agencies would step into the breach, given the general reduction in aid budgets, and these are hardly the countries to be favoured by commercial banks already dangerously exposed in Latin America.

Sustaining IDA does not necessarily mean supplying the full amount its officials are asking for. If it were to continue to be funded at \$12,000m there would be less in real terms than for IDA 6, even before China, a new IDA member, is taken into account. But there are two things IDA could do to mitigate the reduction. One is to change the eligibility criteria for borrowing from IDA. The American Administration, for example, argues that India, the biggest recipient, is now in a sufficiently healthy state to raise substantial loans on the market, which has not been its practice. India should not lose all eligibility – it is easier to raise bank finance for some projects than for others. But a partial graduation from IDA would free funds for China.

A second course is for IDA to reconsider the terms on which it

both raises and dispenses money. Under its charter, IDA is allowed to borrow commercially from members and from the markets. It could borrow at subsidised rates from members, and would certainly command the finest rates in the market. Conversely, this would imply charging more for loans. Maturity might be shortened, say to 30 years, for the "blend" countries which also borrow from the more expensive World Bank, and IDA could even charge nominal interest, depending on the recipient's circumstances.

So far, however, the IDA management has been unwilling actively to explore these possibilities. Those countries that recognize the virtues of a strong and well-funded IDA should be encouraging debate and providing the leadership partly abetted by the Americans. Britain has an important role to play. Some 70 per cent of this country's contribution to IDA goes to Commonwealth members, and for every pound contributed Britain receives two in orders. British support for IDA was demonstrated last year when IDA 6 was extended by a year after Congress blocked payments.

Britain, in common with other wealthy countries, suffers from budgetary constraints. The Government prefers bilateral assistance, but is committed to multilateral aid through the European Development Fund and the Lomé Convention, which is due to be re-negotiated next year, as well as IDA and the World Bank. But sustaining IDA at a reasonable level does not appear impossibly expensive, and is some contribution to stability in a fractious world. IDA and millions of the very poorest would benefit if the British government were to show that it is not incapacitated by aid fatigue.

## DEATH IN MANILA

The full impact of ex-Senator Aquino's assassination while leaving a plane in Manila under armed guard must await the investigation promised by the government. It has been a shocking reminder of the violence that has never been absent from Philippine political life. Mr Aquino's own description of his rival President Marcos conveys the style: "a very calculating man, who would rather persuade before he bribes, bribe before he threatens, threaten before he arrests, arrest before he kills".

Even allowing for this violence, the known circumstances are incredible enough. In July, two months after Mr Aquino had announced his intended return, with or without a passport, he was given a message from President Marcos warning him that there were men after his blood and that the government needed more time to "neutralize" these agents of revenge, otherwise Mr Aquino might suffer.

On the face of it President Marcos will be the stronger from the death of a formidable political rival. Yet it did not seem that Mr Aquino's return to political life would have been as

successful as he hoped in uniting the opposition to the President. In that case his martyrdom may not unite or invigorate the opposition either. The incident may nevertheless damage President Marcos. A man whose first aim at all times has been to keep himself in power, changing the constitution, imposing martial law, fixing elections in the many ways tried by local tradition, building up his personality, exploiting his wife's varied abilities and rewarding his carefully chosen henchmen must expect that after eighteen years his magic will begin to lose its sheen.

Public feeling may be so much jolted and shamed by what has happened that, whatever the explanation proffered, a shift away from President Marcos will be accelerated. Already this has been set in motion by disappointment over the economy. In many other ways the glamour attaching to the President has not much life left in it not enough, perhaps, to carry him through the four years left of his current term.

Some such opinion seems to be gaining ground in Washing-

ton. The large American naval and air bases in the Philippines make it the most important country in south-east Asia in American consideration. If there is to be change it had better not be sudden or unforeseen, such as was the Shah's catastrophic dismissal in Iran. Relations with President Carter were cool because he made much of human rights; President Reagan has been full of warmth for President Marcos as a sound ally. Some distancing from this uncertain leader has been suggested and may now be urged more strongly, especially as the agreement for American bases is due for renewal next year.

There are other sources of generalized criticism of President Marcos that carry weight. When he visited the Philippines in February, 1981, Pope John Paul said pointedly that the exigencies of state should not take precedence over human rights. Since that visit the Roman Catholic church in the Philippines has been more and more critical of the way in which President Marcos uses his dictatorial power. Mr Aquino's death will have its reverberations far beyond the Philippines.

## A RAT TO THE RESCUE

It is easy to be superior about the reasons for the turn-around in the fortunes of TV-am's *Good Morning Britain* programme. It has recovered from the depths of despair at weekday peak viewing figures of 200,000 in the spring to 1,600,000, 400,000 more than its rival, the BBC's *Breakfast Time*. Dieting with Miss Diana Dors, pop videos and cartoons are clearly what people like at that time of day. And who, in a free society, can complain if such harmless wants are gratified?

The hero of the revival at Camden Lock is Mr Greg Dyke who was brought in from *London Weekend Television* to lead the station from the brink of ruin. But its symbol is Roland Rat, an engaging creature with a Black Country accent. His snappy chat, interspersed with children's cartoons, draws TV-am's peak audience at nine o'clock in the morning. He even manages to incorporate into his routine Mr Peter Jay's "mission to explain" which so impressed the Independent Broadcasting Auth-

ority before awarding its break-fast television franchise.

Last Friday, for example, Roland, who travels the highways and by-ways in an old 1950s Ford emblazoned with the crest "Rat on the Road", was visiting Blenheim. He found time to put right the intellectual shortcomings of his foil, Kevin the Gerbil, who insisted that the most famous baby to be born at the Palace, Sir Winston Churchill, had been a king. With a quick quote from the old warrior's "Never in the history of human conflict" speech, Roland told Kevin that Sir Winston had been a "Prime Minister" (sic). With a bit of gratuitous criticism of Shakespeare for having written his sonnets with lines the wrong way round, the furry duo were back on the road.

As Mr Dyke clearly appreciates, the British have always had a weakness for showbusiness animals like Larry the Lamb with his cracked, clubland accent, Flanders and Swann's Gnu, birds or even insects as witnessed by the enduring popularity of Mr Arthur Askey's busy

bee. The weakness is doubtless shared by the "Good and Great" who make up the IBA, but they cannot be entirely happy at the manner of TV-am's renaissance. Despite Roland's skill as a historian and literary critic, its output bears no relationship to the original prospectus submitted by Mr Jay and the "Famous Five".

The IBA has a duty under section 3 (1) of the Television Act, 1954, to satisfy itself that "programmes maintain a proper balance in their subject matter and a high general standard of quality". When Mr Dyke rode to the rescue, there were fears that he would take an exclusively low road to recovery. This he has done. The IBA, no doubt, is mightily relieved that it is not faced with a bankrupt, no-hope television station. The story of Camden Lock has shown that the IBA has both failed in its statutory duty as the public's guardian of quality and that it has no influence, despite the power of the franchise, for shaping public taste.

## Nameless JPs

From Mr A. J. M. Baldwin  
Sir, The real problem is surely this. No one seems to expect the names of justices to be given to defendants for obvious reasons, but some expect the names to be given to newspaper reporters. Reporters only want the justices' names so that they can publish them in their newspapers. As some defendants presumably read newspapers, a court which gives the names of justices to the

press is indirectly giving them to defendants.

Over the years I have found that justices are generally not unhappy about their names being given to the press – with the possible exception of the magistrate who had his café burnt down on a number of occasions by a dissatisfied "customer" – but I have also found that when the problem is pointed out to reporters they are normally prepared to avoid putting justices at risk unnecessarily, and their account of

the proceedings is none the worse for omitting the chairman's name.

In any event the press must be aware, even if the defendant is not, that the decision the chairman announces may not accord with his or her own view; he or she is simply expressing the decision of the court. Yours faithfully, ALAN J. M. BALDWIN, Clerk of the Justices, Magistrates' Court, Harworth Road, Feltham, Middlesex.

## Privatization and social needs

From Mr G. C. Ingram

Sir, I refer to your leader (August 17) on the privatization of nationalized industries. In my opinion, your reasoning results in a misleading conclusion since you apply economic criteria to a situation that must be considered in a wider social context. Therefore the danger is not so much in "failing to think through the purpose of privatization", more in forgetting one of the purposes for nationalization, namely, total public benefit.

I agree that the ultimate benefit to the community is what matters. However, to measure this solely in economic terms prolongs the confusion that has existed since 1948. The concept of marginal cost pricing, so bravely proposed in the 1967 White Paper (*Nationalized Industries: A Review of Economic and Financial Objectives*), was generally abandoned in 1978 (*The Nationalized Industries*, Cmd 7131) as being unworkable.

Some people have argued that social benefit can be measured by a "willingness to pay" (R. Tarvey in his book, *Economic Analysis and Public Enterprise*) but this also evades the complexities of the situation.

This letter is not intended as justification for maintaining unprofitable operations and a quiet life, or for resource misallocation. It is a plea to consider privatization with a social conscience rather than simply political rhetoric.

The elimination of loss-making sections of the nationalized industries simply because they do not, or cannot be made to conform to marginal cost pricing will certainly lead to a "massive and irreversible change" – to the nation's detriment.

Yours faithfully,  
G. C. INGRAM,  
15 Belhaven Terrace Place,  
Glasgow,  
August 18.

## Facts come first

From Dr Cyril S. Smith

Sir, In your leader, "Facts come first" (August 9) you suggested that this council might be commissioned to conduct research to provide "models of the welfare state and its finances in the 1990s built on a variety of economic assumptions". You have since published letters from two correspondents (August 16 and 17) applauding this proposal. Let it be clear that this council would welcome most commissions of this kind, from Government or elsewhere.

But it should be known that even with our depleted resources (our funds from Government have been cut by 30 per cent over five years) SSRC is already funding a number of important research projects aimed at providing just such facts as you rightly call for.

SSRC has helped to set up the Technical Change Centre, and is giving long-term support to the Centre for Health Economics at York University and the Centre for Labour Economics at LSE, to name only three of a number of study centres that have valuable contributions to make to this debate. It is not "too much to ask" the SSRC to back such work (as one of your correspondents puts it) – this council has been actively seeking out and supporting good research in these areas for a long time.

With more money, of course, more could be done. Yours faithfully,  
CYRIL S. SMITH, Secretary,  
Social Science Research Council,  
1 Temple Avenue, ECA,  
August 17.

## Belt-pinching

From Mr Oliver Smedley

Sir, As a former director of First Garden City Limited, the company which owned the freehold and developed the town of Letchworth in accordance with the enlightened vision of Ebenezer Howard, I was as depressed to read of the Luddite intention of the National Trust to fight any Government policy which threatened to "nibble" at the green belt as I was uplifted to read of the rejection on ecological grounds of plans to develop the Gunnersbury Triangle.

The green belt idea is out of date and fundamentally wrong in principle. What are required in cities are green centres. Without its parks, its squares, its squares, its gardens, and of course, its river, London, for instance, would be uninhabitable by civilised human beings.

The excessive pressure on the limited amount of building land caused by the green belt policy brought about the postwar tower block scandal, accompanied, of course, by enormous profits for land speculators and developers. Yours faithfully,  
OLIVER SMEDLEY,  
Garden Cottage,  
Duck Street,  
Wendens Ambo,  
Saffron Walden,  
Essex,  
August 8.

## Athletic hybrid

From Mr Tim Healey

Sir, I am sure I will not be the only correspondent to condemn the term "quadrathlon" for the proposed series of athletic endurance (report, August 19). The Latin prefix goes ill with the Greek suffix. Can *The Times* at least refer to it as a "tetra-tron"?

Yours sincerely,  
TIM HEALEY,  
Northfield,  
Barnsley Street,  
Barnsley,  
South Yorkshire,  
August 19.

## LETTERS TO THE EDITOR

### Soviet imperial burden to be welcomed

From Mr Correll Barnett

Sir, Your leading articles (August 18, 19, 20) on Soviet imperialism and on the British contribution to the defence of western Europe need to be read as related essays on "total strategy" and as such I find them flawed and unbalanced.

To take the question of the Soviet Union first, of course we must accept that the leadership of the Communist Party of the Soviet Union can never rest easy while any independent centre of power or thought remains in the world to challenge their own minority domination and closed intellectual system within the Soviet Empire under the flag, and the larger imperialist sphere of control in eastern Europe.

That is inherent in the origins of the party as a conspiracy for the seizing and holding of power, in the nature of the coup d'état by which it succeeded in the first aim, and the entire process since 1917 by which it has pursued the second. But do not let us give way to an undiscriminating alarm at Soviet efforts to extend the red on the map of the world, not least by building a high sea fleet.

Such extension does not necessarily mean an enhancement of Soviet power, and may well mean strategic and economic over-extension, and hence weakness. This was certainly the case with the British Empire and British imperialism by the 1920s and 1930s when, from an inadequate power base of a stagnant and backward economy, Britain had to provide for the defence of the Empire from Europe to the Far East.

As you will know, Sir, the main theme of strategic debate within Whitehall in that era lay in the insoluble puzzle of how to defend an indefensible Empire, given the national myth that the Empire buttressed British power rather than drained it. Indeed that "pink on the

map" served as psychological compensation, a delusive mask, for Britain's true position as a second-rate economic power.

I am convinced that similar considerations apply to Soviet Russia today, perhaps even more so since the Soviet leadership is electing to carry an enormous military budget on the back of what even Andropov acknowledges is virtually a third-world economy. Let us therefore guard our vital strategic interests, while taking pleasure in the strain induced in the Soviet system by its attempts to play the role of superpower.

You do acknowledge that western Europe is indeed a Western and British vital strategic interest, but your proposals for defending it appear to have been drafted by Neville Chamberlain's ghost. Our allies are to provide the main defensive cover on land, while we enjoy the softer options of air power and sea power, coupled with a "reserve" role on land.

BAOR as a reserve held back in Germany is only one stage from being held back in Britain (which would not be unwelcome to the "blue water" school in Whitehall); a return to the BEF of 1914 and 1939, and a return also to the politically disastrous sponginess of the British commitment to European defence before 1914 and again before 1939.

The withdrawal of BAOR from a "first-day" battle-front role in Germany would surely be militarily and politically to pull away one of the essential props of the whole NATO structure. Even Neville Chamberlain had to admit in the end that the security of western Europe was the bedrock British interest.

Yours faithfully,  
CORRELL BARNETT,  
Churchill College,  
Cambridge,  
August 20.

### Dispute over Belize

From Dr Victor Bulmer-Thomas

Sir, The old story that Churchill did not know where Guatemala was, referred to by George Walden in his recent feature on Belize (August 12), must surely be incorrect; as a correspondent in Cuba during the Spanish-American War, he could not fail to have known its location. One suspects that the story is repeated so often in order to conceal the ignorance of other, less informed, journalists!

This, I fear, may be true in the case of George Walden. His interpretation of the Anglo-Guatemalan dispute over Belize (formerly British Honduras) involves several serious errors and appears to have drawn the wrong lessons from the dispute with Argentina over the Falkland Islands.

The dispute with Guatemala and the Anglo-Guatemalan Treaty of 1859 involves much more than the construction of a road. Any scholarly work on the subject (and there have been several) will confirm that the British hold on the Belize settlement was tenuous in international law and the 1859 treaty involved a substantial concession by Guatemala. The treaty was not "denounced" by Guatemala; its sequel, the 1863 convention, was not ratified by Great Britain as a result of delays on the Guatemalan side.

Nor is it fair to claim that the 1981 heads of agreement were "turned down" by Guatemala's leaders. The failure of the heads of agreement was due as much, if not

more so, to the Belizean Prime Minister's intransigence over what in retrospect were very minor concessions to Guatemala.

As long as the dispute continues, British troops will be needed in Belize. Their presence, however, should be determined not by Washington's strategic interests in Central America (as suggested by Walden), but by the possibility of an invasion from Guatemala. This should not be used as an excuse by either Great Britain or Belize for not reaching a settlement with Guatemala, despite Walden's remarks, the Belizean economy is extremely fragile and long-term, socially desirable investment is impeded by Guatemala's claims.

The disputes over both Belize and the Falkland Islands make clear that the problems will not simply "go away". In both cases, the claims of ex-Spanish colonies have been pursued irrespective of the nature of the government in power. Unlike Argentina, however, Guatemala has shown a great deal of flexibility in recent years despite the turmoil of its own internal politics.

The need, therefore, is for a swift and skilful diplomatic solution to the problem, a solution which will become more difficult if the presence of British troops is defended on grounds other than Belizean security. Yours faithfully,  
VICTOR BULMER-THOMAS,  
University of London,  
Queen Mary College,  
Mile End Road, E1,  
August 15.

### Body and mind

From Dr Andrew Millar

Sir, There may be substance in the articles of Ruth West and Brian Inglis, but their arguments were substantially based on erroneous and sadly misinterpreted evidence. For example, the large print on August 9, stated: "Treatment for asthma has been proved useless". This is simply untrue.

The subsequent text is less misleading and restricts its criticism to the treatment of severe (life threatening) asthmatic attacks, but nevertheless takes the clear and honest article from the *Lancet* out of context.

Open is chief witness in the curd dismissal of treatment for arthritis. Side-effects of anti-inflammatory drugs are well recognised, but the benefits far outweigh them. Open is an effective agent which generated its own popularity; the recognition of its fatal side-effects was a tribute to those who monitor prescribing, but its failure to do so detracts from the value of other drugs. I think that "needles in meridians" are unlikely to alter the course of any acute inflammatory process, but if someone can show me otherwise, and the experiment would be simple, I am ready to be convinced.

Your authors plumb the depths of the "how useless and often lethal conventional treatment of heart disease is" and attribute this to Professor J. R. A. Mitchell's excellent review of the treatment of myocardial infarction. Mitchell did not discuss any other aspects of heart disease apart from infarction. Nowhere in his keenly critical appraisal of what we actually know did he say that conventional treatment was useless or lethal. He did point out that high technology medicine and surgical intervention had been disappointing.

Frankly either you're ill or you're not. If you're not ill, you can still feel up or down, well or not so good. People get rid of these feelings in different ways: some people cut down on drink, some take fresh air, some a change of scenery. If people wish to accomplish the same thing by seeing an acupuncturist or a homeopath, that is fine by me. But, if I get crashing heart failure, a loop of gangrenous bowel or a fractured femur, I want to see a doctor at the front door of the hospital.

Yours faithfully,  
ANDREW MILLAR,  
Hetherston,  
Benson,  
Oxford,  
August 15.

From Mrs Joyce Martin

Sir, How apt that on the day following the announcement of the BMA's enquiry into alternative and holistic medical fields we should hear (report, August 20) of the very happy recovery of Mr Willis's sight, resulting from what must surely be one of the simplest forms of alternative medicine [a playful blow on the head from a plastic bucket].

Yours faithfully,  
J. S. MARTIN,  
Hermans,  
Hillwood Grove,  
Hutton,  
Essex,  
August 20.

### Grief-smitten

From Canon Roy McKay

Sir, As a fully paid up member of the Moreover Fan Club, may I express my gratitude to Miles Kingston for his article, "Good news, there's been a disaster" (August 19). It's high time that TV news took a long, hard look at its ugly habits.

Mr Kingston's suggestions for special features, *Private Funeral* and *Blood and Guts*, might well have a cathartic effect. As a milder emetic all TV news editors should be obliged to recite daily Cranmer's famous words: "From plague, pestilence, and famine; from battle and murder, and from sudden death, Good Lord deliver us."

## Religion and the TV ratings

From the Director General of the Independent Broadcasting Authority

Sir, Your leader in today's edition (August 18) suggests that there had been no debate before the IBA took its decision to move part of Sunday religious programmes on ITV to 2pm. That is not the case. The pros and cons of the simultaneous scheduling of religious programming on BBC 1 and ITV has been discussed between the broadcasting authorities and the churches for many years. Even with the new arrangements, 35 minutes of religious programming will still be scheduled "back-to-back" on Sunday evenings between 6.40pm and 7.15pm.

The IBA was well aware of the departure from precedent when it decided to accept the ITV companies' proposal and therefore to decline the contrary advice of the Central Religious Advisory Committee. The IBA had recognised, however, that the 6pm placing, however attractive it might seem in theory, was not actually drawing audiences in very impressive numbers.

This might have been the result of the programmes' own content, but it was also in part the result of intense competition from the BBC. Independent television is a wholly self-financing service, bearing the present burdens of sustaining Channel 4, which is also providing religious programmes regularly. It cannot overlook the realities of its commercial situation.

The IBA has said this change in scheduling will be reviewed in the spring of next year, following further discussions with the churches. Whether the BBC chooses to alter its arrangements for the placing of its Sunday religious output is a matter for the corporation, but the licence fee does offer a measure of protection not available to the ITV companies and no doubt the BBC will have that in mind in deciding its course of action.

We know that our decision has troubled the churches, but the IBA cannot ignore a changing situation of intensifying competition. The composition of schedules is inevitably undergoing changes as audiences become increasingly free to determine schedules for themselves, having the ability to hire or record programmes.

This presents a great dilemma for the broadcasting authorities charged with protecting the public interest with, in the IBA's case, an inescapable recognition that the power to direct companies' output in particular directions is bound to be influenced by the need to ensure the companies' continuing financial viability.

Yours faithfully,  
JOHN WHITNEY,  
Director General,  
Independent Broadcasting  
Authority,  
20 Brompton Road, SW3,  
August 18.

### At risk of repetition

From the Deputy Managing Director, BBC Radio

Sir, I enjoyed reading Sir Roy Strong's light-hearted assault on Radio 4's repeat play last Saturday (feature, August 13) and I particularly savoured his idiosyncratic extension of the term to cover both trailers and programmes that exploit our unrivalled archival resources. I would have thought it ill become a museum director to suggest that the latter should be left gathering dust. Even the V and A's basement wares get displayed from time to time – and very attractively too.

By his own confession, however, Sir Roy is a passionate devotee of Radio 4 and for this I owe him a straight answer to his straight question. In the year 1978/79 repeats formed 20 per cent of the total network output. Five years on, in 1982/83, the figure was – 20 per cent. No dramatic increase there. Could it be all in the mind?

Of course some people may argue that 20 per cent is too much. We find, however, that more listeners who cannot be permanently glued to their sets – not even while wiring the topology – are grateful for a chance to catch up with what they have missed.

Finally, may I reassure Sir Roy about the news? Today's headlines are the stuff of tomorrow's history and this, as we all know, has a sneaky tendency to repeat itself without any help from BBC planners. Yours faithfully,  
CHARLES McLELLAND,  
Deputy Managing Director,  
BBC Radio,  
Broadcasting House, W1,  
August 15.

### Monster sponsor

From Mr K. C. Banks

Sir, Your leading article this morning (August 15) on the Loch Ness monster has opened my eyes to the danger that it might be taken over, or sponsored, I believe, by polite phrase is like cricket (by cigarettes) rugby football (by insurance) the Oxford and Cambridge boat race (by bookmakers) football (by milk) and other great national games and sports.

May I suggest the answer is a short Act of Parliament which would rule Nessie Crown property, the property of the Queen of Scotland?

This would mean that the killing, capture, molesting, or even the exploitation of the monster could be treason, a crime for which the penalty is still death. Indeed, under Scottish law, it is probably more severe than that.

I am Sir, in defence of the monster.  
Yours faithfully,  
KENNETH BANKS,  
Willow Grove,  
Yalding,  
Nr Maidstone, Kent.



## COURT AND SOCIAL

## SOCIAL NEWS

The Prince of Wales, patron, the Royal Opera House Development Appeal, accompanied by the Princess of Wales, will attend a concert to be given by Mr Placido Domingo, in aid of the appeal, at the Festival Hall on November 7.

The Prince of Wales, Colonel Welsh Guards, accompanied by the Princess of Wales, will attend a service to dedicate a plaque to those

lilled in the South Atlantic Campaign in the Guards Chapel, Wellington Barracks on November 9.

The Prince and Princess of Wales will attend the Festival of Remembrance at the Albert Hall on November 12.

The Prince of Wales, Colonel Welsh Guards, will attend a regional Remembrance Sunday service in the Guards Chapel, Wellington Barracks, on November 13.

The Prince of Wales will visit the IBM factory at Greenock, Renfrewshire on November 23.

## Forthcoming marriages

Major A. T. Cundy and Mrs E. E. Blackborough

The engagement is announced between Archie Condy, of Coleridge, Wiltshire, and Elizabeth (Buffy) Blackborough, of Quoin Cottage, Biddestone, Chippingham, Wiltshire, widow of Major B. A. Blackborough, MC, and younger daughter of Commander and Mrs I. A. Humphreys, of Elm Lodge, Biddestone.

Mrs G. V. Favel and Miss A. C. Laird

The engagement is announced between Giles, younger son of the Rev B. J. and Mrs Favel, of Aberystwyth, South Wales, and Angela, youngest daughter of Mr and Mrs Jack Laird, of Scampton, Lincoln.

## Marriages

Mr J. C. Bickley and Miss H. M. Perrott

The marriage took place on August 20, 1983, at St Margaret's Church, Westminster, between John Charles Bickley, eldest son of Mr and Mrs F. Bickley, of Highgate, London, and Miss Hilary Margaret Perrott, only daughter of the late Mr I. B. Perrott and Mrs E. Perrott, of Chalfont, Oxfordshire.

Mr P. D. M. Ellis and Miss M. J. McLeod

A service of blessing was held on Wednesday, August 17, at All Saints' Parish Church, Wimbish, near Saffron Walden, after the marriage of Mr Peter Ellis and Miss Marie McLeod.

## Latest wills

Latest estates include (net, before tax):

Akhmerans, Mr Francis Bonifacio Maria, of Breukelen, Holland, estate in England and Wales £1,081,462

Baldock, Mr Richard William, of North Chalfont, Essex £481,613

Bartlett, Mrs Constance Alice, of Folkestone, Kent £321,349

Bradford, Mrs Kathleen Winifred, of Washington, West Sussex £373,805

Collins, Sir David Charles, of Sidmouth, Devon, chairman of Westland Aircraft 1970-77 £383,332

## Science report

## Electronic sensor 'safer than diabetic's syringe'

By Clive Cookson, Technology Correspondent

Scientists at the Cranfield Institute of Technology and Oxford University have developed an electronic sensor which automatically records blood glucose levels.

Their goal is to link the device to a miniature insulin pump that could be implanted in diabetics as an artificial pancreas, putting an end to the unpleasant and slightly hazardous chore of daily insulin injections.

The glucose sensor is an early example of a new type of "biosensor" being developed at several research laboratories around the world. They measure concentrations of biologically important molecules directly, with a special electrode incorporating an enzyme.

The Cranfield/Oxford team uses a carbon electrode coated with the enzyme glucose oxidase. It records the flow of electrons as the glucose (the main blood sugar) is oxidized by the enzyme.

Their prototype blood sugar sensors are beginning clinical tests at Guy's Hospital, London. They are small strips which measure glucose concentrations within 20 seconds, using just a tiny pin-prick of blood.

These first generation electronic sensors are said already to be more accurate than conventional blood glucose test kits. The latter work less directly, measuring a chemical, hydrogen peroxide, which is produced as glucose is oxidized; it reacts with a dye to

Eventually the sensor would be connected to a miniature pump, controlled by a micro-computer, which would constantly feed small doses of insulin to the diabetic, just like a healthy pancreas. That should be far safer than the present practice of injecting large amounts of insulin with a syringe.

The principle used for measuring glucose can be applied to other important chemicals.

The basic reactions necessary to produce conventional sensors for lactate, cholesterol, and amino acids, and glycerol have all been demonstrated, according to Dr Turner, although they have not been developed as far as the glucose strip. The range could be extended to measure hormones, such as insulin, by including antibodies in the sensor.

But practical problems remain to be overcome before biosensors become available for routine use. One is to avoid blood clotting and infection around the device.

Source: *Balance*, number 76, pages 4-5 (August 1983).

## Dangers in the world of computer predictions

By Pearce Wright, Science Editor

## BRITISH ASSOCIATION



Brighton

The future of the world, nations, and individuals is being determined to an increasing extent by the predictions of enormously complex mathematical models analysed on giant computers.

But there is a danger that the sheer size and complexity of those mathematical equations employed in such diverse fields as war-gaming, analysing the arms race, weather forecasting, and economic prediction may come to dominate the judgments of governments and corporations because of insufficient understanding of the limitations of computer models and of the degree of uncertainty attached to their predictions.

Those ominous-sounding observations did not come from a latter-day George Orwell, but they were made last night by Sir John Mason, FRS, in his presidential address that marked the opening of this year's annual meeting of the British Association, at Brighton.

Although sounding a cautionary note, Sir John was endorsing the spread of computer modelling. He told his audience: "As scientists, we would probably agree that major policy decisions should be based as far as possible on rational analyses of the facts and objective predictions rather than on intuitive and subjective judgments."

Mathematical models were a powerful method for those purposes. But like most powerful tools they were dangerous if used unintelligently and for the wrong job, he concluded.

Sir John, former director-general of the Meteorological Office, drew on experience of computer modelling in weather

forecasting in the contrasts and parallels he drew between those activities that were subject to that type of prediction and those that were not.

But he said: "Man has an innate requirement to predict the future course of events, including the consequences of his own actions, as part of his survival mechanism."

Even in mundane activities, such as riding a bicycle or driving a car, an individual made a rapid sequence of observations, predictions, and reactions. And that involved the use of unconscious experience. But in more complex situations experience and intuition were less likely to lead to useful long-term predictions.

Sir John said an amateur observer might successfully forecast the weather over the next few hours by watching the sky and calling on experience, but he would be quite unable to predict what would happen a few days ahead.

In economics, too, prediction by simple extrapolation of experience, the technique of the

Chartists, was an unreliable, ill-founded procedure because the past record almost never contained regular cycles of fluctu-

ations of repeated amplitude and frequency, he said. Historical records, both of the weather and the economy, were so irregular that they had little predictive power.

Sir John said it became apparent more than 20 years ago that time-honoured empirical methods, based largely on extrapolation of recent developments and the experience of the human forecasters, were unlikely to improve significantly or produce reliable forecasts for more than 24 hours ahead.

With the arrival of powerful computers, it became possible to replace those highly subjective methods by objective techniques that treated weather forecasting as a problem in mathematical physics.

That involved the building of very large and complex models which were mathematical representations of the atmosphere based on the laws that governed the birth, growth, decay, and movement of the main weather systems. The model atmosphere was divided into 15 layers between the ground and 25km (about 80,000ft), and into a network of points about 150km apart.

That computerized picture of the atmosphere was revised every 12 hours from observations made simultaneously from land stations, ships, buoys, balloons, aircraft, and satellites.

That approach had extended the reliable forecasting from one day to four to five days, Sir John said.

That did not mean models were incapable of predictions two to three weeks ahead, but the uncertainties were so great to regard them as valid forecasts.

Sir John described the model-

## OBITUARY

## DR ERIC KANN

## Quality control in textile retailing

Dr Eric Kann, who died in London on August 16, at the age of 81, was in many ways a world pioneer of quality performance standards in the retailing of garments and other textile products. His role was crucial to the world renown for the science-based quality achieved by Marks and Spencer, of which he was technical and later merchandise development director until his retirement.

This pioneering work was to have a profound effect not only on the store group's relations with its supplier companies and on its competitors, but also on the whole world of textile retailing.

Kann was born on February 4, 1902, in Hildburghausen, Germany. He studied at Munich and Freiburg Universities, and graduated in chemistry and economics. After working for four years at the Kaiser Wilhelm Institute for Leather Research in Dresden, in 1927 he joined the firm of Schocken at their head office in Zwickau to start a laboratory for merchandise quality testing and standards development.

Within a short time his wide organizational and analytical talents became recognized, and Salzman Schocken appointed him as his personal assistant with responsibility for some of the more difficult negotiations and investigations of his growing department store organization. By 1933 he had also been appointed director of personnel with responsibility for a staff of 5,500.

With the rising tide of anti-semitism he decided to emigrate, and tried for two years to establish himself in Holland. By then he realized that he needed to move further away from Nazi Germany and on his way to the United States via London he first made contact with Marks and Spencer. This firm had for some time been convinced that their growth could be linked with a move in the direction of standardization and quality control of merchandise, but had not been able to find anyone with the necessary qualifications. In 1935 the late Lord Marks appointed him to build up a laboratory which could give impartial advice to the textile industry as a whole, and thus was involved in that important part of the Marks and Spencer selling slogan "quality tested".

After his emigration from Germany he had been much involved in helping, wherever possible, some of the ever-increasing stream of refugees. He succeeded in extending his parents and an aunt and uncle from Germany at a very late hour, and helped to support them until their death.

He is survived by his widow, Ruth, a daughter and a son.

## SIR FRANCIS EVANS

Sir Francis Evans, GBE, KCMG, who was Agent for the Government of Northern Ireland in Great Britain from 1962 to 1966, and had previously been Ambassador to Israel and to Argentina, died in Belfast on August 21. He was 86.

Evans was born in Belfast on April 4, 1897, and educated at the Belfast Royal Academy and the London School of Economics. He served with the Royal Irish Rifles in the First World War. In 1920 he joined the consular service, and from 1944 to 1950 was consul-general in New York.

In 1951 he went to Israel as

Minister, becoming Ambassador the following year. From there he went to Argentina, where he served as Ambassador from 1954 to 1957.

On his retirement Evans became deputy chairman of the Northern Ireland Development Council in 1957, a position that he retained until 1965. He was involved in many aspects of Ulster life, as honorary colonel of the 6th Battalion, the Royal Ulster Rifles; a director of the Belfast Bank and deputy chairman of Ulster Television.

His wife, Mary, whom he married in 1920, died in 1966.

## BRIG C. C. PARKMAN

Brigadier Claude Charles Parkman, CBE, who died on August 21, at the age of 80, played a leading role in the expansion of Ward, Ashcroft, and Parkman, the Liverpool-based firm of consulting engineers which now has practices in several overseas countries. From 1975 to 1982 he served as chairman of the group board and of the British firm.

Parkman was born on May 18, 1903, and educated at the Berry School for Boys and Cardiff University. Having been an active Territorial in the

soon appointed General Secretary, over a period of 25 years, supervised the selection and departure to farm schools in Australia and Canada of children from London, Newcastle, Manchester and Liverpool.

During these years he was particularly successful in fundraising for the society, an activity which attracted favourable attention from all the sons of King George V, especially the Prince of Wales whose subscription headed the appeal which made possible the founding of the Prince of Wales Farm School in British Columbia in 1935. This activity brought Green applied to join the staff of the Fairbridge Society after reading the words of the Founder, Kingsley Fairbridge: "The supreme test of human progress is the quality of child life and its opportunities for wholesome development, happiness and satisfaction". He was

## PROF SAN-ICHIRO MIZUSHIMA

Professor San-ichiro Mizushima, who died in Tokyo on August 3 at the age of 84, was the leading physical chemist in Japan and for more than 30 years a major influence in Japanese science. Many of his pupils and associates at Tokyo University became known in Japan and abroad.

Mizushima's teaching focussed on molecular theories, analytically expressed. His own findings were summarized in a work published in English in 1954, *The Structure of Molecules and Internal Rotation*.

Lieutenant-Colonel Sir Edward Wills, 84, died on August 19 at the age of 82.

## English aid for Argentine pilgrim

By Clifford Longley

Churches in central London have paid the fares and expenses of a young Argentine so that he can join a British pilgrimage to Israel, which leaves today.

They did so to honour a message of friendship to the young people of Argentina which Pope John Paul II took with him at the end of his visit to Britain last summer, at the height of the Falklands war. He passed the message on in Buenos Aires.

Nearly £4,000 was raised from Roman Catholic parishes in central London.

## Woman producer to be BBC chief's aide

By a Staff Reporter

A woman has succeeded in capturing one of the BBC's most senior appointments, chief assistant to the director-general, Mr Alasdair Milne.

Miss Margaret Douglas, aged 49, who began her career with the BBC in 1951 as a secretary in radio drama bookings, takes up her post in October, succeeding Mr David Holmes, who was appointed secretary of the corporation earlier this month. She will be the first woman to hold the post and one of the very few near the top of the BBC's hierarchy.

As senior producer in BBC

television current affairs, Miss Douglas has supervised the transmission of all the party election broadcasts, edited the live coverage of party conferences, and of the TUC and CBI conferences, and from mid-1960s, directed the BBC's *Panorama* programme.

She also produced many television biographies including those of Lord Butler, of Saffron Walden, Lady Violet Bonham Carter, and the Earl of Avon. She is now producing Ludovic Kennedy's wide-ranging interview with Mr Harold Macmillan, OM, to be transmitted on BBC1.

## Birthdays today

Mr Geoff Capes, 34; Dr Carl Dolmetz, 72; Sir Arthur Forde, 83; Mr Alexander Gilmore, 52; Sir William Gorrell Barnes, 74; George Harvill-Went, 80; Sir John Horan, 56; Mr Gene Kelly, 71; Lord Kinnaird, 71; Mr S. Kitchen, 70; Brigadier C. A. Langley, 86; Mr James Quinn, 64; Sir John Whitbread Russell, 69; Sir Roy Strong, 48; Mr Peter Thomson, 54; Lieutenant-General R. F. Vincent, 52; Sir Brian Young, 61.

## Press award

Mr Leslie Ashenheim, honorary chairman of the Glenamer Company of Kingston, Jamaica, publisher of *The Daily Gleaner* and other Jamaican publications, has been named by the Commonwealth Press Union as the recipient of the 1983 Astor award, its highest honour.

The award is in recognition of his work in forging closer Commonwealth ties and his vigorous defence of press freedom.

## Whitehall brief

## Preparing a new administrative elite

By Peter Heennessy and Andrew Arenas

Whenever two or three Whitehall watchers are gathered together and the subject of training top civil servants arises, someone will mention "ENA", the *Ecole Nationale d'Administration* in Paris which takes young men and women in their early twenties and turns them into future technocrats, administrators, prime ministers and presidents.

The school is widely credited with producing an elite corps which helps lay the foundations of the French economic miracle in the 1950's despite the surrounding political shambles. The question is often asked "Why cannot Whitehall have a British ENA?"

Whitehall has never wanted one. It still does not. Mr Noel Moore, principal of the civil service college, said last week: "I have visited ENA. It is a fine institution which happens to suit their educational and cultural background admirably. I am not particularly convinced it would be right to translate ENA, just as it stands to the British context."

Mr Moore believes that, taken over a full career, the British bureaucracy trains its people as well as anyone, with a spell at the college for young administration trainees, refresher and specialist courses



Mr Noel Moore

for principals and assistant secretaries blended with practical department experience throughout. Now Mr Moore is engaged in creating a new training course for those passing into the magic circle, the 688-strong open structure embracing under-secretaries and above.

Sir Robert Armstrong, Secretary of the Cabinet is head hunting a man to design the course and to run it in its initial year or two (the plan is to launch it in autumn 1984). Sir Frank Cooper, former Permanent Secretary at the Ministry of Defence, was asked to take the job but turned it down, pleading lack of time. The shape and scope of the under secretaries'

course will be largely left to the individual chosen as its first director: "It's all to play for", says Mr Moore.

Some guidelines, however, have been fixed. They are contained in a report produced by Mr Angus Fraser, now chairman of Customs and Excise which the management and personnel office released to *The Times* last week. The course will last between three and four weeks rather than three months recommended by the Commons Treasury and Civil Service Committee, in a report published in March 1982.

About fifty administrators, scientists and professionals enter the under secretary grade each year. The college would need to run two or three courses a year to deal with them (at a cost of £1,000 per head per week). The Fraser Report, however, recommends that individuals from the public and private sectors attend as well, for the purpose of mutual enrichment, which would double the load to four or six courses.

Teaching would be in seminar form ("blackboard and chalk" is inappropriate for people at that level," says Mr Moore) and would be imparted by senior officials and outsiders with business experience, possibly drawing on overseas talent. The course would be residential and its members would convene away from college's beautiful Sunningdale Park near Ascot in Berkshire, which, it appears, some senior men regard as too bustling and Spartan.

Four weeks is too short to do an ENA for Whitehall's 40 year olds. Mr Fraser suggests concentrating on a uniting theme, relevant to all participants like "communications in large organizations", "changing attitudes to work", "management information and resource control" or "the impact of the social and business environment upon decision taking".

The new course has a wider significance. It finally removes the question mark hanging over the future of the civil service college which appeared four years ago when Mrs Margaret Thatcher began her search for manpower economies. The place is generally booming despite a requirement in force since April that departments must pay for their trainees where tuition was formerly free.

Productivity is up too. Teaching staff have remained static at about 90. But since 1980-81 courses have increased from 590 to 1000 and student days from 60,000 to 72,000.

## Jane's Fighting Ships 1983-84

Edited by Captain John Moore RN

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## THE ARTS

## EDINBURGH FESTIVAL

Galleries: John Russell Taylor visits the new exhibitions

## Visions of a musical maelstrom

Vienna 1900  
National Museum of  
Antiquities of ScotlandThe Scottish Room  
Fine Art SocietyWiener Werkstätte  
1903-1932  
Mercury GalleryMan and Music  
Royal Scottish Museum

Though Edinburgh is a festival of the arts very much in the plural, it must be admitted that often in the past Art itself - painting and sculpture and such - has come trailing in towards the rear of the field. Of course, everyone thought it a good idea to have a few interesting exhibitions on at the same time, but their provision seemed on the whole to be left to the good sense and/or commercial instinct of the Scottish Arts Council and the major selling galleries. The results of this *ad hoc* policy were sometimes unexpectedly pleasing, in a vague, scattered sort of way, but it feels like a very long time indeed since the really eye-opening exhibitions which were a great feature of the festival in the Fifties and early Sixties, when we had the definitive Impressionist and Post-Impressionist retrospectives, major tributes to more modern artists like Epstein and unforgettable one-off shows like the 1954 Diaghilev Exhibition.

This year there has clearly been a deliberate attempt to restore that particular tradition, by again putting exhibitions at the very centre of the festival's planning. The principal theme

running through the opera, the concert and even the drama is Vienna at the turn of the century. And, binding it together visually and spiritually, is the show Vienna 1900, in the National Museum of Antiquities quite newly acquired and little used York Buildings, across the road from the main building, until September 25.

One might hope, from the prominent positioning of the show, that it would be physically a large one. Undoubtedly there is a slight feeling of disappointment to find that it is not only four rooms seem very little to evoke a city, a way of life, an atmosphere and a very rich and productive art. But, given this slight caveat, it must be said that Peter Vergo has done a splendid job in putting together this collection of beautiful, suggestive and invariably choice objects. Quite a number of them will be familiar to those who have had occasion to keep an eye on the London art market in the last two or three years - as grateful acknowledgments to such specialists as Fischer Fine Art,

the Piccadilly Gallery and Whitford and Hughes make clear. But even in the selection of things borrowed from London collections there are surprises: if we wonder why we have never seen at the Victoria and Albert Museum its splendid Kilo Moser sculpture of 1903, the answer is that it here receives the first public showing since it was acquired.

And many of the borrowings, from as far afield as Los Angeles, are going to be entirely unfamiliar to nearly all visitors. The collection of paintings by Schoenberg, for instance. Though many are faintly aware that Schoenberg, the friend and associate of painters, painted himself and designed settings for his stage works, it has not been easy to see the results of this activity, even in Los Angeles where Schoenberg ended his life. But now we have his portraits of friends such as Berg and Zemlin, designs for *Erwartung* and several of his strange, spectral heads, emerging like ectoplasm from smoky indeterminate backgrounds. True, these remain the spare-time occupation of a man whose real work lay elsewhere. But, even in close comparison with Schiele's portraits of Schoenberg and Webern, they do retain a curious and quite personal quality - you would know at once that they are not by nobody.

The show is admirably conceived in another way: its introductory section does give a very clear idea of the Vienna into which the young revolutionaries of the Secession and the movements which followed it, up to the Blaue Reiter in 1914, burst so dramatically and which continued, though we tend to forget it, to flourish very happily up to the First World War as though the most important Strauss around was still Johann the Younger. Indeed, despite the sensation of *Salome*, which seemed for a

moment to ally Richard Strauss with the Decadent strain in art, there is little in his music, apart from a touch of over-ripeness, to recall the first of the Secession atmosphere, and the set designs here for the first production of *Rosenkavalier*, like the Wagner designs of the same artist, Alfred Roller, have scarcely a hint of any avant garde about them.

Clearly artistic Vienna at this time was a small world where everyone knew (though not necessarily approved of) everyone else, and yet these amazing contrasts could still continue to exist. Klimt and Schiele and Kokoschka could live quite successfully in a world where many still thought of Makart as the height of daring modernity and fine artistic taste. If we can carry back to the music and the theatre insights like this, so freshly offered by the Vienna 1900 show, then during the course of the festival proper we shall be enriched indeed.

Those in search of further enlightenment should not fail to collect also two small but fascinating related shows. The Fine Art Society has, for the occasion, chosen to emphasize the Scottish connexion by reconstructing the Scottish Room devised by Mackintosh and his associates for the eighth Vienna Secession exhibition in 1900. This, also open until September 25, comes as close as is now possible (there have had, inevitably, to be some substitutions) to conveying to us the dazzling effect this exhibit had on Vienna and the whole of central Europe - one which was to influence radically the later development of the Art Nouveau/Jugendstil movement away from generous curves and towards rectilinear austerity. At the Mercury Gallery the show of applied arts from the Wiener Werkstätte 1903-1932 (until September 18) fills in the details and illustrates the paths on the road from 1900 to the elegant



Vienna 1900: Arnold Schoenberg by Richard Gerstl; and Gustav Klimt's poster - before censorship - for the first Secession exhibition, 1898

local forms of Art Deco, with the Mackintosh influence everywhere evident.

The other major festival show also draws our attention, though in a very different way, to the links between the visual arts and music. Man and Music, at the Royal Scottish Museum until January 15, at once makes clear the extraordinary riches of the museum's own collection of non-European musical instruments, turns our attention to them as beautiful objects in their own right and then, before we can stop for breath, reminds us that, however beautiful we may think them as sculptural exhibits in a museum case, that is only incidental to their real intention, the making of musical sound. The deviser of the exhibition, and in many cases collector of the exhibits, Jean

Jenkins, has also devised a superior example of the suspect audio-visual, which does for once provide an extra dimension by not only letting us know how the instruments sound but also showing us very clearly how they are played, by whom and in what circumstances. In addition, during the festival, until September 3, there will be a series of concerts in the Museum Lecture Theatre given by original groups of folk and street musicians from all over the world, making the show even more vivid and immediate. Is it for the musically or the visually oriented? Finally, and very satisfactorily, it is for both. Just as the whole festival should be, and this year probably will be, I shall be writing about Edinburgh's further visual delights later.

First concert: Paul Griffiths  
Impact confinedPhilharmonia/Davis  
Usher Hall/Radio 3/  
BBC2

The Edinburgh Festival lost little time in getting down to its "Vienna 1900" theme. At Sunday night's opening concert, after quite the punchiest account of the National Anthem I have ever heard, Andrew Davis opened a score that more than any other conveys the atmosphere of hysteria and frustration, decadence and catastrophe, which seems to have swirled in every thinking mind as the Habsburg capital moved precariously into the new century: Berg's *Three Orchestral Pieces*.

This must be about the most complex score generally regarded as serious, with anything up to a dozen utterly different things happening at once, and Mr Davis's firm grasp was useful in keeping it all together, keeping it on the brink of an ever-threatening collapse. But the complexity is more than just textual. In this set of pieces there is at least enough material for two operas, indeed for the two that Berg went on to write, but here the music did not appear so very saturated with expressive fervour and musical idiosyncrasy.

Mr Davis was certainly alive to what was going on upon the most generous scale, bringing out the Prelude's build to a climax and dissolve, or the March's steady mount in ferocity right up to a mortally painful scream from the trum-

pets. He found no room, however, to colour much of the incidental detail, and any first-time listener might well not have noticed that the central "Reigen" is as full as *Lulu* of corrupt, seductive sensuousness.

It was unfortunate, too, that the television lighting should have hissed and spoilt Berg's marvellous near-silences, which are as essential as his hollow bombasts, when the wretched box was not even taking the first half of the concert.

Television viewers joined us for the "Choral" Symphony, a favourite at this festival and a work seemingly more to Edinburgh taste than the Berg, although one might think Beethoven was challenging the Vienna of his day quite as outrageously.

Again, Mr Davis rather dimmed the impact by the bigness of his approach. In the first movement he gave all his attention to sternly marking out the string music, so that the woodwind chorus kept coming forward and finding itself embarrassed by having nothing to say. There was also a very decisive beat in the scherzo and even in the slow movement, after which the finale was just as noisy and military as one had expected.

Still, there were some nice contrasts among the soloists: a fiery Linda Esther Gray and a stable Carolyn Watkinson, a feeling John Minchin, and an authoritative Robert Lloyd. And the Edinburgh Festival Chorus was huge and vociferous.

## Theatre: Irving Wardle reviews Glasgow Citizens' opening production

The Last Days of  
Mankind  
Assembly Hall

Vienna is the central matter at Edinburgh this year, and, doing nothing by halves, the Festival announces its theme with two Beethovenian thunderclaps, the "Choral" Symphony and Karl Kraus's less apocalyptic ode to ruin.

Kraus is an ideal candidate for festival treatment: virtually unknown over here, a potent figure in modern Austrian culture, and the author of one gigantic drama that relates as challengingly to mass media as it did to journalism under the Kaiser. Through his long-lived magazine, *The Torch*, he is remembered above all as a defender of language against

interference, concerned with free expression no less than with the illiteracy of the opinion-formers. For Kraus, the decline of the West began with the written word. As his *Last Days*, Kraus the Grouse, puts it in *Last Days*: "We were crippled by the rotary press before we fell victim to the cannon."

*Last Days* is a vast, plotless montage of Austrian society at war, moving between the front line and the home front in a succession of tragicomic vignettes that accelerate into a dance of death. Given the ferocity of the satire you think of Swift, except that in this case the material is of documentary origin. The only continuous characters, apart from Kraus himself, are journalists and whatever the attacks on big business and the military, clerical and medical professions, his main target is always the press.

Robert David McDonald, translator and director of this Glasgow Citizens' production, has built this fact into the stage picture. Instead of Kraus's endless changes of scene, he sets the entire piece in a sumptuous Ringstrasse restaurant (a stunning walk-down set by Terry Bartlett) where battlefields, hospitals and imperial audiences come and go under the eyes of the diners. Not that they are looking. They are immersed in their newspapers, and the dominant image of the four-hour evening is of a forest of arms going up, fingers snapping for the next edition.

The drawback of this scheme is that it fails to deliver the expected contrast between what happens and what the papers say about it. For this, Kraus is partly to blame, as he uses journalism as a direct source of information as well as a satirical target.

On the Assembly Hall stage, the unhappiest effect is on Kraus himself. Played by Giles Haverall in the likeness of a hawk-faced family solicitor, he sits impassively at his table throughout the evening, superciliously detaching himself from newspaper to deliver crushing judgments on the passing scene: a Diogenes of the fleshpots who invariably awards himself the winning argument. I admire the theatricality of the translation, however much it misses of Kraus's use of dialect and literary wordplay, but in the case of Kraus's own lines there is not much trace of the brilliantly corrosive aphorism.

Whatever the drawbacks of the setting, it develops tremendously as a stage metaphor: a place of privileged retreat gradually engulfed by external disaster, as the waltzes harden into

maritime, shellfire moves closer and Kraus at last pays his bill and delivers Horatio's epitaph to a cork-stewen floor. By this time, it really has become the restaurant at the end of the universe.

Individual scenes are beautifully slotted in to make their own points and mark the stages of general disintegration. "No meat!" roars Robin Hooper's bullet-headed diner. "Well, General," explains the waiter (John Breck), "there's a war on." The young company sometimes strive too hard for a grotesque style with nonsense jabber and strenuous grimacing, but the doubling of the huge cast-list is successful as well as courageous. Performances like Jane Berish's governorship war correspondent and Laurence Rudi's hysterically enraged factory-owner are spellbinding by any standards.

Music and dance  
in Venezuela  
A staging  
post for  
British  
companiesProscenium curtain design  
by Jesús Soto for the Teresa  
Carreño theatre

What could be a significant new touring location in South America for major companies from Britain, whether opera, dance or drama, was opened earlier this year in the Venezuelan capital, Caracas. The Teresa Carreño theatre and arts centre, on a midtown site overlooking a park of mahogany trees, has just come into its own as the focal point for celebrating the bicentenary of Simon Bolívar, "el Libertador" of Venezuela and a native of Caracas.

Britain's interest was reflected in a two-week visit by London Festival Ballet and a major exhibition of the works of Henry Moore. Both were sent through the British Council's management and financial support (in addition to Venezuelan and other sponsorship by British business interests there), and both drew widespread public interest, the ballet company becoming the first to test the new theatre's full resources.

Dr Salvador Iriago, director-general of the Teresa Carreño Foundation which manages the theatre, and an anglophile of wide cultural interest, saw London Festival Ballet's visit as the harbinger of others from Britain at intervals of a few years. He hoped these might include the Royal Ballet, and perhaps the Royal Opera. The National Theatre was also invited to send a company from London this year but arrangements could not be made; Dr Iriago would like to think this is only a postponement.

The theatre has a seating capacity of some 2,300, and a stage 30 metres wide and the same high, comparable in proportion to the Metropolitan at New York's Lincoln Center, although there are one-third fewer seats in the Caracas auditorium. The centre, as a whole incorporates a small 400-seat theatre and a separate large studio for rehearsals and ballet classes, while the main theatre is also convertible for concert use with an open platform.

It is named after Venezuela's leading nineteenth-century musician, who died in 1917. Teresa Carreño not only had a successful international career as a pianist (she was a student of Anton Rubinstein, among others), but combined with this the talents of composer, conductor and opera singer, as well as running her own opera company for a time. Three of her four husbands were musicians of comparable distinction: the violinist Emilio Sauret, the baritone Giovanni Tagliaferri and the composer Eugen d'Albert.

The Teresa Carreño theatre is no more appealing from a distance than the National Theatre in London, and with a similar angular bulk, but it becomes more impressive on closer acquaintance. "Inside" is hardly the word for foyers which are protected from the park beyond, their bareness made more striking by thousands of vertical tubes, extruded plastic in ivory and yellow, hanging in

clusters from the ceilings like stalactites.

Their design is the work of Jesús Soto, a distinguished Venezuelan artist who has similarly embellished other large buildings in France, Germany and South Africa. His *escribanos*, patterns of abstract lines "written" on a symmetrical background, are the source for his transverse proscenium curtains in the theatre itself, on which black curves and angles are superimposed on vertical bars of black and white.

The overall shape of the auditorium and stage area forms a hexagon, with the seats fanned out widely in three segments on a raked floor, but set squarely in a single upper gallery. Some front stalls have seriously restricted sightlines at the side extremes, a strange miscalculation, but the orchestral acoustics are clear and direct, and on the evidence of the single opera performance I heard (Rossini's *L'italiana in Algeri*), capable of expressive vocal balance.

Not all was as finished backstage as the front of house suggested. The lighting lacked colour-coding, requiring lengthy trial and error to match length to light; a sprung ballet stage, which can replace that for opera and concert, started to tilt when the Frigero sets for Rudolf Nureyev's *Romeo and Juliet* were first built on it; dressing-rooms in place of mirror-lights; and a system of bells and runners had to link

dancers to the stage for lack of the usual communications.

With goodwill on both sides these problems were adequately overcome for Festival Ballet's first-night gala on Venezuela's national day, at which President Herrera Campesino made a delayed arrival a full hour late while audience and performers alike were kept waiting (and the *Romeo and Juliet* performance took all the first act to recover).

A resident ballet company is already formed and working under the direction of the Cuban-born Enrique Martínez, former ballet-master of American Ballet Theatre, whose plans for next season include a new three-act *Miguel de Mañara*, with Albéniz music arranged by John Lanchbery. The nucleus of an opera company is also evident, and a planned April-July season includes *Madama Butterfly*, *Figaro*, *Lucia di Lammermoor*, *Il trovatore* and a new opera, *Chao Gil*, by the Venezuelan composer Juan Carlos Núñez.

An Anglo-Venezuelan cultural agreement, palatially piloted by John Mallon, the British Council's representative in Caracas and the embassy's cultural attaché, is on the point of signature. It will help to bring about more frequent exchanges, especially in the performing arts; by offering an alternative to the Teatro Colón in Buenos Aires, the Teresa Carreño Theatre in Caracas could have increasing importance for Britain's arts exports.

Noel Goodwin

## Three Choirs Festival

## All a matter of extended effects

The 256th meeting of the Three Choirs of Gloucester, Hereford and Worcester began in St Catharine's Church, Wotton Pitch, Gloucester, with a single voice. April Cantelo was the soloist in the first complete performance of a Symphony by Elis Pekkonen which began life at the Stroud Festival in 1981 and, for its last three movements, was commissioned by Gloucester Three Choirs Festival.

The soprano's unaccompanied "Tota Pulchra es Maria" sets in motion a massive four-part survey, more suite than symphony, of the Christian year: annunciation, nativity, crucifixion and pentecost, with the last a set of double variations and extended coda. It is, indeed, all very extended: lasting well over an hour, the language is richly romantic to

the point of satiety (Mr Pekkonen says his music is now "renovative" rather than "innovative"); the scoring makes much use, wherever it can, of brass, pitched percussion and harp, and the Latin text is stretched to the very limits of both the performer's stamina and the listener's patience.

The work is conscientiously enough written; but there is simply not enough to be said, and the ear soon becomes numbed as matter is quietly drowned in manner. The Gloucestershire Youth Orchestra, conducted by Mark Foster, rose splendidly to the occasion - if only it had been more worthwhile rising to - after showing off their suppleness and integrated strings and fine brass soloists in music by Berlioz and Mendelssohn.

Sunday evening's musical act of worship began in the cathedral with prayers and a suitably grave and still performance of the Prelude to *Parsifal* by the Royal Philharmonic Orchestra conducted by Sir Charles Groves. John Scott joined them as soloist for the new work at the centre, a Concerto for organ, strings and percussion by Charles Camilleri. Conventional in form and substance, the music arrests by sheer force, with its grinding ritual string chords, its virtuosic timpani solos and clamorously testing organ part, bouncing off the Norman pillars and rolling down the aisles.

In the outer movements there are, if anything, simply too many unsubordinated notes, getting clogged and tangled up in each other, something even Sir Charles's incisive and

rigorous reading and Mr Scott's magnificent playing could do little about. In the middle, as if to compensate, there is a meditation upon space, where organ and pitched percussion contribute little mantra-like figures over high sustained string chords. The total effect was one of effect alone.

It would have been worth buying a ticket, though, for the last part of the concert alone. Here the festival at last came into its own, bringing back a work too long neglected. Vaughan Williams's inspired, constantly live and beguiling "masque for dancing", *Job*, Sir Charles and the RPO brought colour, rhythmic muscle and dignity to this musical recreation of Blake's engravings.

Hilary Finch

Rock  
Status enhancedZZ Top  
Castle Donington

Hard rock bands are not generally noted for their wit or fashion sense but ZZ Top, the ultimate power trio from Houston, Texas, are an exception. As befits their name they have perfected an act which is the last word in its particular field.

While the majority of the acts at Castle Donington's annual Monsters of Rock festival were content to grimace and grunt through the usual heavy metal clichés, ZZ Top's Billy Gibbons, Dusty Hill and Frank Beard came to unleash a different form of entertainment. By the end of the afternoon even the hardened corps of leather and denim-clad rockers were laughing in appreciation.

ZZ Top are a sight for sore eyes; they are smartly clad in pastels, absurd pink guitars and extravagantly styled beards, which is not to say that they are hell-bent on pastiche; they are all excellent musicians with a

total command of the blues-based Texan boogie tradition. Gibbons, the lead guitarist and singer, keeps his troops on the right side of understatement, ensuring that they deliver songs rather than endless riffs. And what songs they are.

In numbers like "Party on the Patio", "Cheap Sunglasses" and "Pearl Necklace" ZZ Top maintain the tradition of glorifying Americana while simultaneously deflating their countrymen's acquisitive excesses. The heavy metal hordes appreciated the group's lighter material, and the sound of sixty thousand people singing the refrain to "I'm Bad, I'm Nationwide" threatened to drown the roar of overhead planes from the nearby airport.

This was probably the first time most of the crowd had witnessed ZZ Top, but I have a feeling that, by the time they return to headline an autumn tour, their cult status in England will have been replaced by something much more substantial.

Max Bell

● Harrie Peeters, a bass from the Netherlands, has won first prize in the second International Belvedere Competition for Opera Singers organized by the Wiener Kammeroper. Second prize went to Angela Denning (soprano, Australia) and third was divided between Ulrike Finner (mezzo, Austria), Johann-Werner Prein (bass, Austria) and Anton Scharinger (baritone, Austria).

● The performance of *Adriana Lecouvreur* scheduled for the Barbican Hall on September 14 has been postponed due to difficulties in casting the tenor role of Maurizio.

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# What Micro?

The Electron is bound to be compared to the BBC Micro. However it would be better compared to other micros in its price range, the likes of the Spectrum, Oric and Vic 20. There is however no real comparison as the Electron wins on all counts—it has better graphics, a better keyboard, faster and more versatile Basic. We rate the Electron higher than any of its competition. Acorn had better be ready for a rush, there's going to be one.

*What Micro? Sept. '83*

## This micro.



Today, Acorn Computers unveil their new home microcomputer, called the Electron.

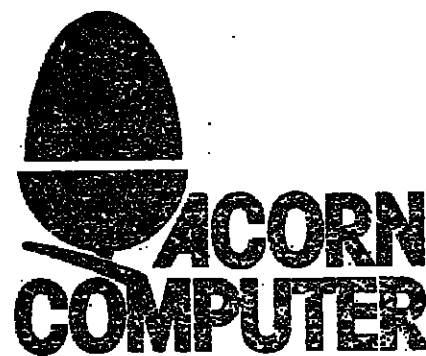
And, as you can see, it has already met with critical acclaim in its first independent review from one of Britain's leading computer publications.

This comes as no surprise as Acorn also produce the only other Micro that uses BBC Basic. (This machine is already being selected by over 80% of U.K. Schools under the current Department of Industry scheme.)

You can judge for yourself just how good the £199 Electron is by visiting the Acorn User Show at the Cunard Hotel, Hammersmith, London from August 25th-28th.

We've every confidence that you and "What Micro?" will be in complete agreement.

Acorn Computers Limited, Fulbourn Road,  
Cherry Hinton, Cambridge CB1 4JN.





# Massive new 'banks' deal

THE WEEK by Roger Woolnough

Changes in the banking community, and the opportunities these open up for more automation, have caused two major US computer companies to form joint ventures with third parties to secure their positions in financial markets.

Burroughs Corporation has signed a £21m joint development and manufacturing agreement with Fortronic, the Scottish company which has specialized in banking and financial computer terminals. Simultaneously, Sperry Corporation announced it is to market the new Ericsson System 2100 branch automation system for financial institutions.

Of the two, the Burroughs-Fortronic deal is the more intriguing. The US company has been serving the financial markets since the end of the last century, and had a turnover in 1982 of \$4.2bn. Fortronic was established only in 1970, and is a minor by comparison. What does it have to offer the US giant?

"The facts of life are you can't do everything," says Bob King, managing director of Burroughs Machines Ltd, the UK subsidiary. "What we are trying to do here is bring the special skills of two groups of people together."

Key to the agreement is Fortronic's development of an intelligent integrated terminal which sits on the bank counter. Burroughs' approach has been to provide modular terminals, which allow users to build up a range of functions as they need them. Both philosophies are valid, but Burroughs' lack of an integrated terminal of its own left a gap in its product line.

"In certain markets, particularly Europe, there is a big demand for an integrated unit and that is exactly what Fortronic has," explained Clive Bartram of Burroughs. "We are continuing to develop our own modular-type terminals."

Burroughs and Fortronic are not strangers. Since 1981 the two companies have had a marketing agreement on

financial terminals covering Europe and Africa. This has resulted in orders approaching £10m, about 70 per cent exports. But the new deal ranges much wider.

It falls into three parts. Under the first, Burroughs is providing Fortronic with £1m to fund design and development of a new generation of intelligent integrated terminals. Ideas and resources will be pooled by engineers from Scotland, England, France, Switzerland and America.

Then, over the next three years, Burroughs will take delivery of at least 15,000 terminals made at the new Fortronic factory near Dunfermline. This contract is worth at least £20m.

Finally, there will be continuing collaboration to keep pace with market changes and competition.

Under the deal between Sperry and Ericsson Information Systems of Stockholm, the Swedish company's branch automation system is to be marketed by Sperry as the UFTS 600 in most European countries, Canada, South Africa and South East Asia.

Unlike Fortronic, Ericsson has not taken an integrated approach. The UFTS 600 provides different modules on the bank counter to handle such tasks as customer transactions, computing, communications, passbook printing, and note dispensing.

One thing that all parties are agreed on is that the banking business is changing fast. Sperry says that banks are increasingly subjected to competition, not only from other banks, but also from non-banking institutions.

Burroughs's Clive Bartram points out that in America today, Sears Roebuck offers a full range of financial services, including access to cash via automated teller machines. "In tomorrow's world, what will be a bank?" he asks. "It may well be a department store."

That can only be good for the

automation suppliers, who are already facing a boom in any case. During 1984 to 1986, Burroughs estimates, the worldwide cashless terminal market will absorb 547,000 units - and that excludes any newcomers to the money game.

A VENTURE which links the travel trade, a young computer company and British Telecom is about to market a hardware and software package which is designed to be equally suitable for the smallest and the largest of travel agents.

Behind the move is Tourism Technology Ltd, which is jointly owned by Future Technology Systems Ltd (FTS), the Association of British Travel Agents (ABTA), and the Travel Agents' Consortium for Information Technology (TACIT). Together they have developed a system which exploits the multi-functional and communications capabilities of the FTS microcomputer. This allows travel agents to use a single piece of equipment for telex, viewdata, bookings with four operators, communications direct to airlines, data processing and word processing.

New Tourism Technology has appointed Merlin, the British Telecom business products operation, to market the system exclusively in the UK. Over two years, the contract will be worth £5m to FTS and £2m to Tourism Technology.

This is probably the first time that any trade association such as ABTA has worked so closely with a manufacturer to bring a product which is tailored to its members' needs, says FTS managing director Peter McHugh. "More important, the trade association - and therefore its members - benefit commercially."

McHugh estimates the potential size of the UK market at 1,000 systems with a minimum price of £5,000. This is based on 5,000 ABTA members, with an average of three systems per user. On top of that there are 3,000 non-ABTA travel agents who are likely purchasers.

## JOB SCENE

### Status under attack

By Richard Sharpe

Now that so many non-technical personnel are using computer systems the status of computer professionals is under attack. But changes of status will be fiercely resisted.

In the first place special rates of pay for computer staff are becoming rare as they are merged into general clerical and technical grades.

Second, job turnover has begun to come down, making staff that fit from employer to employer no longer a valued asset; they are now being judged in the same way as other staff with a patchy employment record.

Third, the role of contractors has been firmly established, weakening the subtle blackmail that highly technical personnel in computer departments have used as a weapon to further their careers.

Status has, however, always been a moveable feast in the computer industry. At the beginning, when pioneering systems were built from valve technology and the applications were scientific and technical, programming had low status. Designing the system and keeping it running held the glory while the job of programming was mostly performed by women.

Once men designers realised that programming was half the job of getting new technology working they muscled into the role, turned programming almost into a black art.

Status is often linked to skill in the computer community: it does not always come from the individual's position in the managerial pecking order.

However, while computer hardware is more and more compact and runs faster and faster, full computer systems, the complex combination of hardware and software, do not have the same radical advances in performance. A lot of the speed of the machine is often absorbed by more complex software, written by skilled employees. As a result the highly skilled can seem to be a bottleneck, an impediment to further productivity increases.

The more non-technical personnel use computers, the less need there seems to be, at least on the surface, for the skilled people. All is, however, far from lost for the status conscious computer professional.

Many have realized that the job of educating the new wave of users is so vital that it gives them extra leverage, and therefore status, as they fan out over organizations carrying the word of the coming of the micro computer.

## People/Ronald Young of Systematics

Alan Howard



### From Tudor to future

Ronald Young lives in the past, the present and the future, all at the same time. His company, the Systematics International Group, occupies a Tudor manor house in the Suffolk town of Haverhill, reputedly given to Anne of Cleves by Henry VIII. "I love Tudor manor houses," says Young, who lives in one.

That takes care of the past. The present is the booming world of microcomputers, for which Systematics supplies a range of packaged business software.

And the future? "We very much believe that the technologies of video, computing and telecommunications will converge," Young says. "We are even thinking of buying a satellite dish."

Originally, Ronald Young was articled to a chartered accountant, but the weekly regime of five nights studying on a £5 pay-pocket drove him to banking, for a princely £12. In 1966, he switched to programming.

After working for a number of user companies, he had the chance to set up a computing services company with a firm of management consultants. A little later, this company acquired a computer bureau specializing in services for manufacturers of agricultural machinery. He developed it to a profitable, if fairly modest, concern. Then the microcomputer arrived.

"I was quite happy with a bureau which was specialised, profitable, and giving us all a

satisfying way of life," Young recalls. "The micro shook us up. The company now makes more profit in one month than it did in a year."

This transition was not achieved easily. In 1980, after five years of profits, Systematics invested heavily in developing a range of business software for microcomputers. It was December 1982 before substantial profits returned, but the investment has paid off.

Young ticks off progress: 2500 software packages sold in 1981, 6400 in 1982, "and we expect to sell well over 10,000 packages this year". From breaking even in 1982, he expects profits of £400,000-plus this year, and is looking for £1m next.

But he sees many changes ahead in software, and Systematics continues to invest heavily in development. "Some companies take the view that as computers become bigger, they should produce bigger programmes," he says. "We believe we should employ this greater power so that users

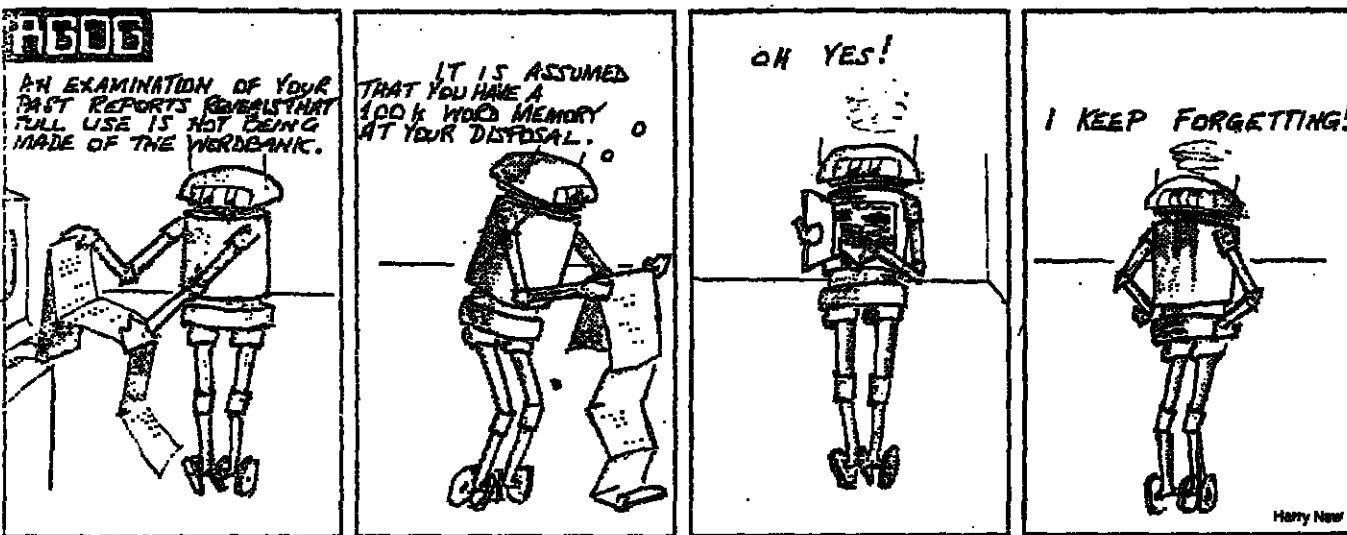
can do the same jobs far more easily."

This emphasis on user-friendliness shows up in several ways. Systematics had an early preview of the Apple Lisa, the micro which took a major step towards simplifying computer use. "We are developing business software for Lisa which will exploit its visual techniques," says Young.

Video is another tool. Already Systematics is putting business programs on video-cassettes for training purposes, and Young looks forward to the possibilities offered by the interactive video disk. "We are also trying to eliminate the need for manuals," he adds.

But as much as anything, it is the coming convergence of video, computing and telecoms which intrigues him. "They will all come together into a single information technology very soon. As an organisation specialising in software, we must have an increasing awareness and involvement in all of them."

RW



## Computer Appointments

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(No Agencies please)

## Finding the jobs

### COMPUTER BRIEFING

"On your bike" is being superseded by electronics: jobcentres throughout the country are being linked through a computer-based system, so that details of vacancies can be transmitted quickly throughout the network, writes Roger Woolnough.

Last week work began on the seventh and final stage of the project when the first of 150 Jobcentres throughout south-east England was connected to a Perkin-Elmer 3230 supermini-computer in Basingstoke. By November, all the south-east's Jobcentres will be linked electronically to virtually every other Jobcentre in the country.

Known as the Vacancy Circulation and Statistics (VACS) system, it has been introduced over the last five years by the Manpower Services Commission in conjunction with Perkin-Elmer Data Systems. At first, Jobcentres with VACS could communicate only within their own region, but all seven regional computers and all development matches in Sheffield are now being linked over the PENNET networking system.

When the system is complete, about 750 of the 1000 Jobcentres throughout the country will be able to communicate over British Telecom's packet-switching service.

"This improves our standard of service to potential employees and employers alike, while helping to contain our administrative costs," says John Taylor, head of the MSC's employment service Computer Development Branch.

**Business game**  
Engineers, often criticized as being poor managers, will have the chance to prove otherwise by joining a business game run on computers. The game, called TEMEwork (The Engineering Management Exercise) is being sponsored by the Engineering Council, Ashridge Management College and The Engineer magazine. The Department of Trade and Industry has made a software development grant.

The game begins in October, with teams from industry competing against each other and the

## Where's the plug?

By Alan Simpson

Far from encouraging user satisfaction, many of the documents with computer industry products are too difficult to understand. Typical are the manuals which say "Unplug connect to power source and switch on". That the user often does not know his power transformer unit from his DIN plug or PAL modulator seems to have escaped some instruction writers.

Not surprisingly, a new industry has been created, offering a guided tour round new systems. The Learning to Use book series, for example, supports popular micro models like Apple, BBC Acorn, Dragon, Oric and Pet and assumes that the user is very much in the beginners class and requires practical assistance rather than large doses of computer theory and technology.

The suppliers, Newtech Publishing, say they have problems in keeping pace with demand and the rate of introduction of new home computer equip-

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## MARKET REPORT

## Index still on record run

ACCOUNT DAYS: Dealings began, Aug. 15. Dealings end, Sept. 2. Contango Day, Sept. 5. Settlement Day, Sept. 12.

The stock market entered the second leg of the three-week holiday account hitting a record despite the seasonal fall in volume.

The FT 30 index began to dip ahead of Wall Street's opening late yesterday afternoon but booming prices in New York reinforced London's move forward and by the close the index had gained 4.7 to 740.4.

The main boost to sentiment resulted from the better-than-expected United States money supply figures, the second good one in a row, and forecasts that United States money growth will be back within target over the next two months.

That defused fears of any further rises in United States interest rates, particularly as the American economic recovery is slowing. Some dealers were even talking of significant cuts. This would effectively take the pressure off British rates and rekindles hopes that Britain's clearing banks will be able to hold the 5½ per cent level for longer than expected.

Government stocks came in for some heavy buying, with long-dated issues, some paying

yields of more than 10 per cent, recording gains of £½.

That gave the government broker the opportunity needed to slip in to "toplets" totalling £500m. The sale last week of £800m 10 per cent convertible was sold out so some form of tap was needed.

Leading equities quickly followed gilts higher and there were widespread gains of more than 10p. US buying put 10p onto Boco at 183p after that it had received a sales permission for its new pain-killing drug, ibuprofen while Becaam at 353p was 10p to the good.

News that British petrol sales are falling rapidly and the big companies may start cutting prices again soon caused some fresh selling in the oil sector.

BP dropped 6p to 438p while British lost 2p to 248p, despite reports that the fall in profits, due soon, will not be as bad as expected.

Lasmo, with profits due today, was also hit, dropping 10p to 376p. Shell lost 4p to 630p. Profit-takers moved against the Irish offshore ex-

where Lex Group featured with a 15p gain to 368p after the company managed to dampen fears over alleged problems with Volvo gear boxes.

Whitbread, up 4p at 152p, led brewers higher as the continuing good weather and news of price rises supported the sector.

In the building and construction sector Taylor Woodrow jumped 20p to 550p in anticipation of today's interim figures. Blue Circle, reporting this week, gained 7p to 445p but fears of increased competition hitting the profits of SGB Group, pushed those shares 12p lower to 144p.

London Brick held steady at 86p on hopes that Tarmac or Hanson Trust will step in to buy the company if it does not go ahead with its own bid for Bisco Johnson. London reports profit figures on Thursday, when a statement of intent is expected.

Booming August car sales helped motor distributors, Games maker John Wad-

dington's shares fell 4p to 242p as hopes faded of the group fighting off the unwanted bid from BPCC, whose offer closes today when the level of acceptances should be known.

In insurance, Commercial Union at 170p and Royal Insurance at 560p held steady even though both companies are heavily involved in Texas where a hurricane has caused £1m worth of damage. Analysts say CU will lose £6.5m and Royal between £5m and £10m.

Also firming ahead of interim figures due this week was Hawley Group at 185p, up 8p and Electro-Protective, 7p better at 183p.

One stock to lose favour with the speculators was Bellair which slumped 40p to 580p. Majority stakeholder Wasson Establishment has still not begun work on its offer document for Harold Ingrams, suspended at 300p, and has not responded to calls for further information about its intended activity for the two minnow companies.

Wayne Lintott

## RECENT ISSUES

Company	Price	Yield
Aaron Group 21p (115)	101.3	10.1
Alford Machine Tools 25p (10)	101.3	10.1
Bionerchance 10p (10)	101.3	10.1
CPM Computer 5p (10)	101.3	10.1
CPM Computer 5p (10)	101.3	10.1
CPM Computer 5p (10)	101.3	10.1
CPM Computer 5p (10)	101.3	10.1
CPM Computer 5p (10)	101.3	10.1
CPM Computer 5p (10)	101.3	10.1
CPM Computer 5p (10)	101.3	10.1
CPM Computer 5p (10)	101.3	10.1

Issue price in parentheses unless stated. \* by tender.

## BRITISH FUNDS

Company	Price	Yield
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1

## MEDIAN

Company	Price	Yield
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1

## COMMONWEALTH AND FOREIGN

Company	Price	Yield
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1

## LOCAL AUTHORITIES

Company	Price	Yield
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1

## DOLLAR STOCKS

Company	Price	Yield
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1

## BANKS AND DISCOUNTS

Company	Price	Yield
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1

## BREWERS AND DISTILLERS

Company	Price	Yield
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1

## COMMERCIAL AND INDUSTRIAL

Company	Price	Yield
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1

## STERLING SPOT AND FORWARD

Company	Price	Yield
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1

## MONEY MARKET RATES

Company	Price	Yield
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1

## OTHER MARKETS

Company	Price	Yield
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1

## DOLLAR SPOT RATES

Company	Price	Yield
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1

## EURO-DEPOSITS

Company	Price	Yield
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1

## GOLD

Company	Price	Yield
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1

## RUBBER

Company	Price	Yield
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1

## PROPERTY

Company	Price	Yield
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1

## RUBBER

Company	Price	Yield
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1

## TEA

Company	Price	Yield
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1

## MISCELLANEOUS

Company	Price	Yield
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1

## UNLISTED SECURITIES

Company	Price	Yield
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1

## FINANCIAL TRUSTS

Company	Price	Yield
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1

## INSURANCE

Company	Price	Yield
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1
100% Fund	101.3	10.1

## INVESTMENT TRUSTS

Gross Yld			1982/83	
Ch'se price	% P/E		High	Low
1.18	7.5	110%	66	More
1.20	8.0	100%	66	More
1.22	8.5	100%	66	More
1.24	9.0	100%	66	More
1.26	9.5	100%	66	More
1.28	10.0	100%	66	More
1.30	10.5	100%	66	More
1.32	11.0	100%	66	More
1.34	11.5	100%	66	More
1.36	12.0	100%	66	More
1.38	12.5	100%	66	More
1.40	13.0	100%	66	More
1.42	13.5	100%	66	More
1.44	14.0	100%	66	More
1.46	14.5	100%	66	More
1.48	15.0	100%	66	More
1.50	15.5	100%	66	More
1.52	16.0	100%	66	More
1.54	16.5	100%	66	More
1.56	17.0	100%	66	More
1.58	17.5	100%	66	More
1.60	18.0	100%	66	More
1.62	18.5	100%	66	More
1.64	19.0	100%	66	More
1.66	19.5	100%	66	More
1.68	20.0	100%	66	More
1.70	20.5	100%	66	More
1.72	21.0	100%	66	More
1.74	21.5	100%	66	More
1.76	22.0	100%	66	More
1.78	22.5	100%	66	More
1.80	23.0	100%	66	More
1.82	23.5	100%	66	More
1.84	24.0	100%	66	More
1.86	24.5	100%	66	More
1.88	25.0	100%	66	More
1.90	25.5	100%	66	More
1.92	26.0	100%	66	More
1.94	26.5	100%	66	More
1.96	27.0	100%	66	More
1.98	27.5	100%	66	More
2.00	28.0	100%	66	More
2.02	28.5	100%	66	More
2.04	29.0	100%	66	More
2.06	29.5	100%	66	More
2.08	30.0	100%	66	More
2.10	30.5	100%	66	More
2.12	31.0	100%	66	More
2.14	31.5	100%	66	More
2.16	32.0	100%	66	More
2.18	32.5	100%	66	More
2.20	33.0	100%	66	More
2.22	33.5	100%	66	More
2.24	34.0	100%	66	More
2.26	34.5	100%	66	More
2.28	35.0	100%	66	More
2.30	35.5	100%	66	More
2.32	36.0	100%	66	More
2.34	36.5	100%	66	More
2.36	37.0	100%	66	More
2.38	37.5	100%	66	More
2.40	38.0	100%	66	More
2.42	38.5	100%	66	More
2.44	39.0	100%	66	More
2.46	39.5	100%	66	More
2.48	40.0	100%	66	More
2.50	40.5	100%	66	More
2.52	41.0	100%	66	More
2.54	41.5	100%	66	More
2.56	42.0	100%	66	More
2.58	42.5	100%	66	More
2.60	43.0	100%	66	More
2.62	43.5	100%	66	More
2.64	44.0	100%	66	More
2.66	44.5	100%	66	More
2.68	45.0	100%	66	More
2.70	45.5	100%	66	More
2.72	46.0	100%	66	More
2.74	46.5	100%	66	More
2.76	47.0	100%	66	More
2.78	47.5	100%	66	More
2.80	48.0	100%	66	More
2.82	48.5	100%	66	More
2.84	49.0	100%	66	More
2.86	49.5	100%	66	More
2.88	50.0	100%	66	More
2.90	50.5	100%	66	More
2.92	51.0	100%	66	More
2.94	51.5	100%	66	More
2.96	52.0	100%	66	More
2.98	52.5	100%	66	More
3.00	53.0	100%	66	More
3.02	53.5	100%	66	More
3.04	54.0	100%	66	More
3.06	54.5	100%	66	More
3.08	55.0	100%	66	More
3.10	55.5	100%	66	More
3.12	56.0	100%	66	More
3.14	56.5	100%	66	More
3.16	57.0	100%	66	More
3.18	57.5	100%	66	More
3.20	58.0	100%	66	More
3.22	58.5	100%	66	More
3.24	59.0	100%	66	More
3.26	59.5	100%	66	More
3.28	60.0	100%	66	More
3.30	60.5	100%	66	More
3.32	61.0	100%	66	More
3.34	61.5	100%	66	More
3.36	62.0	100%	66	More
3.38	62.5	100%	66	More
3.40	63.0	100%	66	More
3.42	63.5	100%	66	More
3.44	64.0	100%	66	More
3.46	64.5	100%	66	More
3.48	65.0	100%	66	More
3.50	65.5	100%	66	More
3.52	66.0	100%	66	More
3.54	66.5	100%	66	More
3.56	67.0	100%	66	More
3.58	67.5	100%	66	More
3.60	68.0	100%	66	More
3.62	68.5	100%	66	More
3.64	69.0	100%	66	More
3.66	69.5	100%	66	More
3.68	70.0	100%	66	More
3.70	70.5	100%	66	More
3.72	71.0	100%	66	More
3.74	71.5	100%	66	More
3.76	72.0	100%	66	More
3.78	72.5	100%	66	More
3.80	73.0	100%	66	More
3.82	73.5	100%	66	More
3.84	74.0	100%	66	More
3.86	74.5	100%	66	More
3.88	75.0	100%	66	More
3.90	75.5	100%	66	More
3.92	76.0	100%	66	More
3.94	76.5	100%	66	More
3.96	77.0	100%	66	More
3.98	77.5	100%	66	More
4.00	78.0	100%	66	More
4.02	78.5	100%	66	More
4.04	79.0	100%	66	More
4.06	79.5	100%	66	More
4.08	80.0	100%	66	More
4.10	80.5	100%	66	More
4.12	81.0	100%	66	More
4.14	81.5	100%	66	More
4.16	82.0	100%	66	More
4.18	82.5	100%	66	More
4.20	83.0	100%	66	More
4.22	83.5	100%	66	More
4.24	84.0	100%	66	More
4.26	84.5	100%	66	More
4.28	85.0	100%	66	More
4.30	85.5	100%	66	More
4.32	86.0	100%	66	More
4.34	86.5	100%	66	More
4.36	87.0	100%	66	More
4.38	87.5	100%	66	More
4.40	88.0	100%	66	More
4.42	88.5	100%	66	More
4.44	89.0	100%	66	More
4.46	89.5	100%	66	More
4.48	90.0	100%	66	More
4.50	90.5	100%	66	More
4.52	91.0	100%	66	More
4.54	91.5	100%	66	More
4.56	92.0	100%	66	More
4.58	92.5	100%	66	More
4.60	93.0	100%	66	More
4.62	93.5	100%	66	More
4.64	94.0	100%	66	More
4.66	94.5	100%	66	More
4.68	95.0	100%	66	More
4.70	95.5	100%	66	More
4.72	96.0	100%	66	More
4.74	96.5	100%	66	More
4.76	97.0	100%	66	More
4.78	97.5	100%	66	More
4.80	98.0	100%	66	More
4.82	98.5	100%	66	More
4.84	99.0	100%	66	More
4.86	99.5	100%	66	More
4.88	100.0	100%	66	More
4.90	100.5	100%	66	More
4.92	101.0	100%	66	More
4.94	101.5	100%	66	More
4.96	102.0	100%	66	More
4.98	102.5	100%	66	More
5.00	103.0	100%	66	More
5.02	103.5	100%	66	More
5.04	104.0	100%	66	More
5.06	104.5	100%	66	More
5.08	105.0	100%	66	More
5.10	105.5	100%	66	More
5.12	106.0	100%	66	More
5.14	106.5	100%	66	More
5.16	107.0	100%	66	More
5.18	107.5	100%	66	More
5.20	108.0	100%	66	More
5.22	108.5	100%	66	More
5.24	109.0	100%	66	More
5.26	109.5	100%	66	More
5.28	110.0	100%	66	More
5.30	110.5	100%	66	More
5.32	111.0	100%	66	More
5.34	111.5	100%	66	More
5.36	112.0	100%	66	More
5.38	112.5	100%	66	More
5.40	113.0	100%	66	More
5.42	113.5	100%	66	More
5.44	114.0	100%	66	More
5.46	114.5	100%	66	More
5.48	115.0	100%	66	More
5.50	115.5	100%	66	More
5.52	116.0	100%	66	More
5.54	116.5	100%	66	More
5.56	117.0	100%	66	More
5.58	117.5	100%	66	More
5.60	118.0	100%	66	More
5.62	118.5	100%	66	More
5.64	119.0	100%	66	More
5.66	119.5	100%	66	More
5.68	120.0	100%	66	More
5.70	120.5	100%	66	More
5.72	121.0	100%	66	More
5.74	121.5	100%	66	More
5.76	122.0	100%	66	More
5.78	122.5	100%	66	More
5.80	123.0	100%	66	More
5.82	123.5	100%	66	More
5.84	124.0	100%	66	More
5.86	124.5	100%	66	More
5.88	125.0	100%	66	More
5.90	125.5	100%	66	More
5.92	126.0	100%	66	More
5.94	126.5	100%	66	More
5.96	127.0	100%	66	More
5.98	127.5	100%	66	More
6.00	128.0	100%	66	More
6.02	128.5	100%	66	More
6.04	129.0	100%	66	More
6.06	129.5	100%	66	More
6.08	130.0	100%	66	More
6.10	130.5	100%	66	More
6.12	131.0	100%	66	More
6.14	131.5	100%	66	More
6.16	132.0	100%	66	More
6.18	132.5	100%	66	More
6.20	133.0	100%	66	More
6.22	133.5	100%	66	More
6.24	134.0	100%	66	More
6.26	134.5	100%	66	More
6.28	135.0	100%	66	More
6.30	135.5	100%	66	More
6.32	136.0	100%	66	More
6.34	136.5	100%	66	More
6.36	137.0	100%	66	More
6.38	137.5	100%	66	More
6.40	138.0	100%	66	More
6.42	138.5	100%	66	More
6.44	139.0	100%	66	More
6.46	139.5	100%	66	More
6.48	140.0	100%	66	More
6.50	140.5	100%	66	More
6.52	141.0	100%	66	More
6.54	141.5	100%	66	More
6.56	142.0	100%	66	More
6.58	142.5	100%	66	More
6.60	143.0	100%	66	More
6.62	143.5	100%	66	More
6.64	144.0	100%	66	More
6.66	144.5	100%	66	More
6.68	145.0	100%	66	More
6.70	145.5	100%	66	More
6.72	146.0	100%	66	More
6.74	146.5	100%	66	More
6.76	147.0	100%	66	More
6.78	147.5	100%	66	More
6.80	148.0	100%	66	More
6.82	148.5	100%	66	More
6.84	149.0	100%	66	More
6.86</				



Investment  
and  
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## STOCK EXCHANGES

FT Index 740.4 up 4.7  
 FT 100 Index 79.82 up 0.31  
 FT All Shares 485.67 up 4.85  
 Bargains 19,883  
 Datastream USM Leaders  
 Index 102.28 down 0.89  
 New York Dow Jones  
 Average (latest) 1,203.48  
 up 9.25  
 Tokyo Stock Exchange  
 Average 9,203.75 up 66.62  
 Hong Kong Hang Seng  
 Index 1,000.23 up 3.95  
 Amsterdam 153.3 up 1.8  
 Sydney AO Index 890.8 up 5.9  
 Frankfurt Commerzbank  
 Index 940.10 down 2.10  
 Brussels General Index  
 133.25 up 0.16  
 Paris CAC Index 136 up 1.0  
 Zurich SKA General 289.1  
 up 0.4

## CURRENCIES

**LONDON CLOSE**  
 Sterling \$1.5290 up 1.1 cent  
 Index 85.8 up 0.1  
 DM 4.0275 down 0.0075  
 FF 12.10 down 0.02  
 Yen 371.50 up 1.0  
 Dollar  
 Index 127.5 down 0.7  
 DM 2.6310

**NEW YORK LATEST**  
 Sterling \$1.5305  
**INTERNATIONAL**  
 ECU 0.565959  
 SDR 0.693786

## INTEREST RATES

**Domestic rates:**  
 Bank base rate 9½%  
 Finance houses base rate 10%  
 Discount market loans week  
 fixed 9½%  
 3 month interbank 9½-9¾%  
**Euro-currency rates:**  
 3 month dollar 10-10½%  
 3 month DM 5½-5¾%  
 3 month Fr F 14½-15%  
**US rates:**  
 Bank prime rate 11.00  
 Fed funds 9½%  
 Treasury long bond 103 29/32-  
 103 27/32  
**ECGD Fixed Rate Sterling**  
 Export Finance Scheme - IV  
 Average reference rate for  
 interest period 6 July to 2  
 August, 1983 inclusive: 9.989  
 percent.

## GOLD

**London fixed (per ounce):**  
 am \$412.25 pm \$421.75  
 close \$424.50 up \$7  
 New York latest \$421.75  
 Kruggerand (per coin):  
 \$436.50-438 (\$285.25-286.25)  
 Sovereigns (new):  
 \$89.50-100.50 (\$65-65.75)  
 "Excludes VAT"

## TODAY

**Interline:** American Trust, Coppydex, De Beers, Electro-Protective, File Indimar, Hong-kong & Shanghai Banking Corporation, George Ingham, Liberty Life Association of Africa, London and Scottish Marine Oil, Pragma, Rentokil, Standard Chartered Bank, Taylor Woodrow.  
**Finance:** Apex Properties, Dura Mill, Smith Whitworth, Stoddard Holdings.

## ANNUAL MEETINGS

Triplex Foundries, West Brom-wich Moat House, Beeches Road (noon).

● Yelverton Investments in which financiers Mr Jim Slater and Mr John Bentley have big shares stakes, has used its option to buy a further 15 per cent of Wordnet information processing system for £150,000. This takes its stake to 40 per cent and makes the company, which has designed a system that can link eight electronic typewriters to a single word processor or small computer, Yelverton's biggest single investment.

Now Wordnet has signed contracts with three big distributors including AES, one of the world's largest word processing companies, which have already placed orders for £5m of equipment.

● Linford Holdings is to seek shareholders approval for a name change to Dee Corporation. Frank Dee Supermarkets is part of the group. The board believes the Linford name does the company to food wholesaling, whereas retailing now accounts for some 75 per cent of its profits.

● Charterhouse Petroleum has agreed to take over the 70 per cent shares in Jubilee Oil it does not already hold. The deal involves Charterhouse issuing up to 3.1 million ordinary shares to Jubilee shareholders, and a further 2.9 million if the first well drilled in the two Jubilee North Sea blocks shows significant oil reserves.

● BAYER of West Germany has improved its first half world group pretax to DM860m (£217m) from DM722m in the same period last year.

New company will be fourth biggest grocery retailer

## Gulliver merges food and drink chains into Argyll Group

By Andrew Connolly

Mr James Gulliver, the Scot who made his name by transforming the Fine Fare supermarket chain in the 1960s, yesterday announced details of a proposed merger between his Argyll Foods group and Amalgamated Distillers Producers to create a new force in the British food and drinks industry.

The new company, Argyll Group, will have a market capitalization of £250m, annual sales of £1,366m, and forecast pretax profits of £26.5m in the year to March 31 1984.

It brings together 900 Presto, Temptations and Liptons stores owned by Argyll with ADP, which is one of Scotland's last remaining independent whisky producers.

The new group will rank fourth in Britain behind Sainsbury, Tesco and Asda in the food retailing sector, and third behind Victoria Wine and Arthur Cooper in terms of off-licence sales.

Mr Gulliver claimed yesterday that his ultimate ambition

	Argyll Foods	ADP Group	Argyll Group
Turnover	1135	230.3	1365.3
Pretax profits (year ending April 2 1983)	21.6	7.2	28.8
Forecast pretax profits (year ending March 31 1984)	28.0	8.5	36.5

is to beat Sainsbury and become Britain's biggest food retailer.

The merger of Argyll Foods and ADP has been effected through a new holding company, Argyll Group, which was previously called James Gulliver Associates.

The merger will be on the basis of one ordinary share of the new company for every ordinary share in Argyll Foods, and four shares of the new company for every three shares in ADP.

Last night Argyll Foods shares were unchanged at 126p while shares of ADP were down by 3p at 165p.

Mr Gulliver outlined four main reasons for concluding the deal.

First, it would create greater scale in the food and drinks industry at a time when there is growing concentration of market share in the hands of big corporations, both in Britain and internationally.

Second, it would allow Argyll to diversify in the longer term to avoid the stiff competition which will emerge in food retailing if the big groups continue their rapid expansion.

Third, the deal would provide opportunities for expansion



Gulliver: challenging Sainsbury

sion in the US through ADP's Barton Brands drinks business.

Fourth, it would offer important distribution opportunities for ADP, whose liquor brands could be sold through Argyll stores.

Mr Gulliver said he was looking at the possibility of putting some of ADP's Liquor-off-licences into Argyll's Presto stores.

Mr Gulliver said that the continued development of the

Presto stores chain will not be affected by the merger and that 20 stores are planned to open next year.

The new group is forecasting pretax profits of £36.5m in the year to March 31, 1984, against combined pretax profits of £28.8m in the 1982/1983 financial year. The board promises to recommend a dividend of 4.5p per ordinary share in the new company in the year to March 31, 1984.

Mr Gulliver's personal holding in the new company will be 7.5 million shares, or 3.8 per cent of the total equity.

Mr Gulliver was chairman of the Fine Fare supermarket company at the age of 33. He left in 1973 with a few hundred thousand pounds and bought Oriel Foods for £2m. He sold it after a year for £11m.

He began building a stake in ADP in 1979 and acquired most of the supermarkets in the Argyll Foods chain in a £104m deal with Generale Occidentale in June last year.

Investors' Notebook, page 16

## City Editor's Comment

## Shaking off the 'hidden' handout

The big city investment institutions are becoming increasingly irritated about golden handshakes to executives who are forced out of companies after boardroom rows, takeover bids and poor results.

And if the City institutions are furious, for once it can be taken as read that they fully reflect the frustrations of smaller shareholders who are in no position to vent their anger effectively.

The complaint is not new. What annoys pension funds and unit trusts most is that they learn about these arrangements only when they have been activated when it is usually too late to take any effective action.

There are certain limits to this argument. For instance, company prospectuses lay out significant directors' contracts and in the case of an already quoted company, they should be available for inspection at the company's annual meeting.

Furthermore, service contracts lasting more than five years should be formally approved by shareholders.

But there is still plenty of scope for executive directors to protect themselves. Some pension fund managers contend that the five-year rolling contract of Sir John Mayhew-Sanders, recently departed chairman and chief executive of the ailing John Brown group, is the last straw for them since it theoretically added up to some £400,000 but escaped beneath the wire of shareholder approval.

Other apparently controversial recent episodes include options for directors of UBM, profitably signed a few days before a takeover bid from Norcor, and a service contract until 1986 for a director of AE, actually arranged after first news of an agreed takeover by Guest, Keen and Nettlefolds. These latter cases, while unfortunate, are not a source for scandal. Other AE directors, for instance already had similar service

contracts, and the new one is not thought to have raised any objections from GKN.

In a case where post-merger rationalization is called for, the bidding company may not want to demote a competent manager from apparently making himself redundant.

The John Brown case is the more pertinent one from a number of viewpoints. In practice, Sir John Mayhew-Sanders will receive only £180,000 compensation.

That may be too much for many small shareholders of a company which got into deep trouble under Sir John's leadership. But, though he made expensive mistakes and argued what in the end proved an unsustainable strategy for the company, few doubt that Sir John is a manager of some class with many achievements to his name.

The British tax system encourages companies to reward their executives via pension arrangements to an excessive degree and the penalties on leaving prematurely are equally steep.

What is more, as Sir Michael Edwards has noted, British managers do not normally have the same ability as their counterparts in other capitalist countries to build up capital from high salaries. Clearly, a balance must be drawn between the discipline to perform and financial protection for those taking on difficult jobs.

The real question is about disclosure. The schemes so far put up - for instance, for a semi-private register of service contracts - are elitist and inadequate. Much progress has been made in recent years in disclosing directors' salaries in annual accounts.

This should be expanded to include pension arrangements and service contracts on the same, mostly anonymous terms. Managers should not be embarrassed by their contracts, if they are, the contracts are probably bad.

## Call for increased pensions mobility

By Lorna Bourke

Employers could afford to improve pension benefits for job changers a little or no extra cost according to pension consultants Metropolitan Pension Association.

In a discussion paper on improving the pension benefits of early leavers the association concludes: "The real value of deferred pensions could be fully maintained over the period of deferment with very little increase in contribution requirements - perhaps no change at all if recent scheme experience has been favourable."

The paper comes after the recent announcement of an urgent review of pensions by the Government.

Mr Norman Fowler, Social Services Secretary, has called for a conference for September 14 to discuss pension problems, and representatives from the Confederation of British Industry, the Trades Union Congress and the Centre for Policy Studies will be attending.

The Government is known to be concerned about the effects on job mobility of poor deferred pension benefits and has indicated that legislation could be introduced if voluntary solutions are not found.

Under existing legislation it is possible for an employee who has worked for a company for up to five years to change jobs and lose all pension entitlements.

## Early 12-point rise in Dow

New York, (AP-Dow Jones) - Stocks were holding their early gains yesterday but volume was moderate and further progress was proving elusive.

The Dow Jones Industrial Average was up about 12 points at 1,206 - about the same gain it showed in the first half hour of trading yesterday. Advances were 2 to 1 ahead of losses.

Miss Hildegard Zagorski, market strategist at Prudential-Bache Securities said: "It has been a normal reaction to the money supply with stocks following the pattern in bonds. 'The problem is volume - it just isn't there. If volume and breadth improve it would help but otherwise it will indicate that the technical bounce of the past couple of weeks is over.'"

Mr Richard McCabe, technical analyst at Merrill Lynch, said he found it hard to make the case that the oil stock rally

## £500m gilts issue as dollar eases

By Peter Wilson-Smith

The Government wasted no time in resuming its funding programme yesterday as financial markets moved ahead, encouraged by the good American money supply figures last Friday.

Two new tranches of existing government stocks were announced by the Bank of England and they will be available from tomorrow. They are £300m of Treasury 12 per cent 1995 priced yesterday at £100.5/8, and £200m of 11 3/4 per cent Treasury 2003-2007 priced at £107/7/8.

The Bank will be able to sell the new tranches when market conditions allow. Last week the new tax issued by the Government, £800m of 10 per cent convertible stock 1986, was oversubscribed at above the minimum tender price.

Dealers said yesterday the speed with which the Government acted was a sign that it still needed to sell large amounts of government stock to help control the money supply.

Last week the Treasury sought to reassure markets that money supply was being brought back under control.

The gilts market closed with gains of £1/2 to £3/4 at the long end of the market yesterday, helped by the firm tone in the American bond market.

The \$500m fall in American money supply M one on Friday has helped to allay fears over rising interest rates. This contributed to a weaker dollar yesterday.

After falling overnight in the Far East, it recovered some ground during European trading but closed well below last week's levels.

The dollar fell from DM12.6580 at Friday's close to DM12.6310 yesterday and eased against other currencies. Sterling ended the day 1.1 cents stronger against the dollar at \$1.5290. Although it was slightly weaker against continental currencies, its trade-weighted value firmed by 0.1 to 85.8.

Dealers said the dollar was expected to weaken further in the short-term.

Shares hit record levels yesterday as the stock market rose, encouraged by the strength of Wall Street. The FT Index of 30 leading shares closed 4.7 up at 740.4.

## Kean &amp; Scott to seek full listing

By Jonathan Clare

Kean & Scott, the home improvement company which is 60 per cent owned by Mr Michael Ashcroft's Hawley Group, plans to get a full listing on the London stock market either this autumn or next spring.

The company is quoted on the Unlisted Securities Market, but the Stock Exchange's quotations department has yet to approve the transfer to the main stock market because Kean, in its present form, has no five-year trading record.

Kean is one of the biggest companies on the USM with a market capitalization of about £50m. It became a Hawley subsidiary last October and took in Sharps Bedroom Design from Hawley to run alongside its furniture retailing business.

Since then it has acquired Alpine Holdings, the double glazing company, and Dolphin Showers.

The current set of results show the effect of these acquisitions. Further details are likely in the second half. Analysis now expects total profits for the year to be about £5m.

Coleman Milne, another

**Kean & Scott**  
 Half-year to 30.6.83  
 Pretax profit £2m (£509,000)  
 Stated earnings 1.7p (0.4p)  
 Turnover £23.4m (£18.4m)  
 Net interim dividend 0.333p  
 Share price 56p, down 2

**Coleman Milne**  
 Half-year to 30.6.83  
 Pretax profit £186,000 (£143,000)  
 Stated earnings 2.25p (1.77p)  
 Turnover £2.5m (£2m)  
 Net interim dividend 0.6p (5p)  
 Share price 60p

USM company which is 85 per cent owned by Hawley, also turned in half-year results yesterday, showing an increase in pretax profits to £186,000. The City now expects profits of about £500,000 for the year.

The company, based at Westhoughton near Bolton, Lancashire, makes limousines by extending Ford Granadas.

Hawley confirmed yesterday its plans to demerge the Ruffler & Deith amusement machine machine business. Hawley shareholders will receive Ruffler shares in the form of a special dividend.

## John Brown pays out £180,000

By Our Financial Staff

Sir John Mayhew-Sanders, the former chairman of John Brown, the troubled engineering company, will receive compensation for loss of office of £180,000.

Sir John Cuckney, John Brown's chairman, confirmed yesterday that he had negotiated the settlement with Sir John Mayhew-Sanders' lawyers.

Sir John Mayhew-Sander had a five-year rolling service contract which, based on his annual salary of more than £81,000, had given rise to speculation that he could receive £400,000.

Such a figure, would have been a record for a "golden handshake". Sir John Mayhew-Sanders' lawyers are thought to have asked for more.

Institutional shareholders furious at the prospect of John Brown paying £400,000, are still likely to question the agreed figure but will probably accept

## Confusion as Brazil seeks debts deal

By Peter Wilson-Smith, Banking Correspondent

terday that it had not been formally notified of Brazil's request, although there were signs that Brazil was falling behind with payments.

"We are experiencing some delays and therefore we have some potential claims. But they are not massive at this stage," a spokesman for the ECGD said.

The Paris Club is not expected to agree any rescheduling of official debt until Brazil has reached agreement with the International Monetary Fund on a new economic programme.

However, full IMF approval for a new economic programme which would lead to release of blocked funds is not expected until the end of next month of October. Once the IMF board gives approval, Brazil would be able to draw about \$900m of loans which have been delayed because it failed to meet IMF targets.

The export Credits Guarantee Department confirmed yes-

## Robinow merger expected

By Vivien Goldsmith

Dealings were suspended yesterday in the shares of Crosby House, the freight forwarding and container storage company, and Right-wish, a subsidiary involved in cultivation of tea, rubber and cocoa.

The boards announced that they are discussing a full merger of the two companies.

Crosby House, which is controlled by the Robinow family's International Investment Trust Company of Jersey, holds 51.36 per cent of Right-wish.

Dealings in Sampang (Java) Rubber, another Crosby House subsidiary, were also suspended. By injecting its Jazerite Holdings into Crosby the Robinow family - largely Mr Hermann Robinow, a director of N M Rothschild, and his son, Mr Richard Robinow - gained control of the company.



Taking off: the Boeing and Airbus Industrie contenders for the JAL contract

## Planemakers look East for key deal

By John Lawless

The three planemakers locked in battle to sell British Airways £500m worth of aircraft to replace its Trident fleet have a riveting effect on foreign audiences (as in the case of Nissan and its location for a European car plant).

As in BA's case, JAL will announce its decision this autumn, with the short-range jets due in service by 1985.

The technical side of the talks has been exhausted. Boeing demonstrated the 767, already well-known capabilities in Tokyo in February. The A310 Airbus followed it in March.

McDonnell Douglas has only been able to fly a "paper plane", because it is offering the MD100, effectively the replacement of the ill-fated DC10, which it scrapped last month. The MD100 is still at the design stage.

Surprisingly, the three-year-old negotiations have received some of the coverage given to the bidding for BA's business. The reason is simple. JAL has

seen how an impending decision by a Japanese multinational company nowadays has a riveting effect on foreign audiences (as in the case of Nissan and its location for a European car plant).

The only reference that JAL has ever made to the number of aircraft it might order came in a briefing text to its senior managers overseas from company president, Mr Yasumoto Takagi, 13 months ago.

The fact that it indicated it would place an order for 10 aircraft, although it is scrapping 20, will not be a great disappointment to whoever wins the order.

For JAL's buy policy is to place an initial order, and top up (always with the same plane) as demand dictates.

The remnants of its DC8 fleet, of which it once had 50, contains planes that were delivered in every year between 1968 and 1973.

Significantly, of three main conditions attached to the purchase - beyond seating

capacity of 200 to 250, and fuel-efficiency of at least 6 to 8 per cent better than the DC8s - was one that any aircraft must have "the potential for future technical developments".

In other words, the world's largest owner of Boeing 747s, pointed out: "Once we are in with an aircraft, we want to be able to stay in for a long time."

The only "guesstimate" as to the value of any initial contract came in one of the few Japanese newspaper stories on the subject about £270m.

The difference between JAL and BA, though, is that the Japanese will not be leasing their new planes - although a purchase may have made it easier for them to squeeze aircraft manufacturers, desperate for orders.

I would be a big coup if Airbus Industrie - in which Britain has a 20 per cent wing-making stake via British Aerospace - was to join McDonnell Douglas for the JAL fleet.

## GE buys aviation stake

By Our Banking Correspondent

General Electric of the United States has taken a 22.7 per cent stake in Guinness Peat Aviation (GPA), the aircraft leasing business, with an \$18m (£11.8m) capital injection.

GPA is an associate of Guinness Peat, the banking and formerly commodities group.

The capital injection is important for Guinness Peat because it will allow it to revalue substantially its stake in GPA. The stake was valued at £11m on the accounts of April 30, 1982, but revalued to £6.6m in October, 1982.

After the capital injection, Guinness Peat and the other big shareholders, Aer Lingus and Air Canada, will hold 22.7 per cent each. Guinness Peat will therefore be able to nearly double the value at which it carries its GPA stake in the balance sheet.

GPA is expected to gain a quotation and it is thought this would place a higher value on it, than the \$79m imputed by the General Electric deal. It made profits of \$9.1m (£6.2m) last year.

Guinness Peat, which last month announced a return to a small profit in its latest half-year to April 30, has been working hard to reduce borrowings.

It recently sold a London property for £3.5m

THIS NOTICE DOES NOT CONSTITUTE AN OFFER FOR SALE AND THE STOCKS LISTED BELOW ARE NOT AVAILABLE FOR PURCHASE DIRECT FROM THE BANK OF ENGLAND. OFFICIAL DEALING IN THESE STOCKS ON THE STOCK EXCHANGE ARE EXPECTED TO COMMENCE ON WEDNESDAY, 24TH AUGUST 1983.

## ISSUES OF GOVERNMENT STOCK

The Bank of England announces that Her Majesty's Treasury has created on 22nd August 1983, and has lent to the Bank, additional amounts, as indicated, of each of the Stocks listed below:

**£300 million 12 per cent TREASURY STOCK, 1995**  
**£200 million 11½ per cent TREASURY STOCK, 2003-2007**

The price paid by the Bank on issue was in each case the middle market closing price of the relevant Stock on 22nd August 1983 as certified by the Government Broker.

In each case, the amount issued on 22nd August 1983 represents a further tranche of the relevant Stock, ranking in all respects pari passu with that Stock and subject to the terms and conditions of the prospectus for that Stock, save as to the particular details relating to the amount of the issue, the price payable, the method of issue and the first interest payment. Copies of the prospectuses for the Stocks listed above, dated 9th September 1977 and 20th July 1979 respectively, may be obtained at the Bank of England, New Issues, Watling Street, London, EC4M 9AA.

Application has been made to the Council of The Stock Exchange for each further tranche of stock to be admitted to the Official List.

The Stocks are repayable at par, and interest is payable half-yearly, on the dates shown below:

Stock	Redemption date	Interest payment dates
12 per cent Treasury Stock, 1995	25th January 1995	25th January
11½ per cent Treasury Stock, 2003-2007	22nd January 2007, or at any time after 22nd January 2003 subject to not less than three months' notice	22nd January















ATHLETICS

# Mile race offers cream of Ovett

From Pat Butcher, Oslo

The organisers offered the traditional cream of Ovett in the sunshine to the athletes here yesterday as a prelude to extracting the traditional blood and sweat from them in tonight's competition. Steve Ovett and Jerrisa Kestov, both world champions, and Steve Ovett and Peter Elliott, both fourth place winners in Helsinki, are the main contenders in the 1,500 metre final. The final will be a B meeting, which does not have a permit to pay participation money to athletes under the IAAF rules fund system.

There is a splendid mile race in prospect between Ovett, Sydney Marce and Jose-Luis Gonzalez. Ovett has admitted that his world championship 1,500 metre final was the worst race he has ever run. But Marce and Gonzalez did not even reach the final.

Ovett, of course, is far from finished, and he sees the Helsinki setback as a good reason for all three of them to run a fast race. Ovett will start under 3min 50sec, as should Marce and Gonzalez. But Sebastian Coe's world record of 3:47.33 is not an easy one to beat. It is intrinsically better than Ovett's 3:50.00 world record, and two of the three of the runners would still have to be in contention in the last 200 metres if it was to be a new one.

Miss Kestov may be the best bet for a world record in the 800 metres. Helped by a pacemaker, she could go through 400 metres in close to 55 seconds; she could then be capable of a time around 1:52.5, which would be well inside her current world record of 1:53.28. With times like those in the offing, the only way the British quartet of Ovett, Bailey, Anne Purves, and Lorraine Baker and Jose-Luis Gonzalez could beat her would be to run a 4 x 200 metres relay squad, and even then you would have to give the Czech an even chance.

Steve Coe and Peter Elliott were in the 800 metres. There is one else in the field capable of staying with the two Britons, and the interest will be in just how fast they can run. Coe's world record at this distance, 1:41.73, is far more remote than his mile world record. Coe looks certain to win; if he does, Elliott will be left with further thoughts on how to avoid being caught in the finishing straight.

## Runners to pay more

The Amateur Athletic Association have launched their new registration scheme which is to become compulsory for distance runners by October next year. Mike Gratton, the London Marathon champion, yesterday became the first man to sign on while Steve Ovett has been allocated No 1 in recognition of his help in forming the scheme.

From October this year, the £2.50 registration will be voluntary but in the second year, subject to approval, it will be mandatory for all competitors in road races of 10 kilometres or more. In the third year the AAA are hoping to extend the scheme to track and field.

Five leading British marathons have agreed to accept only registered athletes in 1984 but London, which has the largest number of runners, has not yet announced a new £10,000 sponsorship by Mars Confectionery, is not among them. London has set a record capacity of 20,000 for its race on May 13 next year.

## RACING: DUBAI CONNEXION WITH GOLDEN NEWS FOR BRITISH BLOODSTOCK

# The Classic pipeline is opened

By Michael Seely

Sharaf Dancer, owned by Shaikh Maktoum Al Maktoum, is to be studied, probably for a world record price of more than \$30m, and will stand at the Darham Hall Newmarket Stud, near Newmarket, for the rest of this year. Sharaf Dancer will race as programmed by Michael Stone, his trainer. "He will next go for the September Stakes as a preliminary for either the Prix de l'Arc de Triomphe or the Champion Stakes. The final decision will depend on the state of the ground," said Stone yesterday.

This is the most important single item of news in the British bloodstock industry for a long time. Northern Dancer, Sharaf Dancer's father, is the most influential stallion since the days of St Simon in the 19th century. The season's first sale, in Europe, of offspring of Northern Dancer or of one of his sons, Nijinsky and The Minstrel, have won the English and Irish Derbys the Eclipse Stakes and the Benson and Hedges Gold Cup, among Sharaf Dancer, L'Emigré, Lomond, Carillon and Sofford.

Yesterday, shares in Sharaf Dancer were being offered to a few selected breeders all over the world. Competition is bound to be intense, as Northern Dancer is now aged 23, and not even such legendary figures as Northern Dancer or one of his sons, Nijinsky and The Minstrel, have won the English and Irish Derbys the Eclipse Stakes and the Benson and Hedges Gold Cup, among Sharaf Dancer, L'Emigré, Lomond, Carillon and Sofford.

Sharaf Dancer is the third in line and is also the Minister of Defence. Shaikh Ahmad, the owner of Wase, is an aristocrat, proud man. The qualities they treasure are honesty and integrity. They have a great regard for the Queen and the rest of the British royal family. Shaikh Mohammed is a visionary as well as the action man amongst the number. When I asked about the \$10.2m yearling,

and whether it might be over-priced, he straightened his back and his head and said: "Who can tell what a horse is worth?" And, judging by their success with Sharaf Dancer and by the way the top prices are moving, who can say that the bid Shaikh is wrong about the fabulous Northern Dancer blood?

Sharaf Mohammed is a bearded, athletic figure aged about 35. He is an expert rider, who stood bareback on a horse and camel in turn, as they galloped past the guests at his wedding feast. He flies his own Boeing 727. He is a crack rifle shot and likes all forms of hunting. Under pressure, he admits to writing poetry. He is also obviously a private and reserved man, with a keen sense of humour.

Recently I saw Shaikh Mohammed at Darham Hall. I was en route to the Shaikh's coast on holiday, and got an interview by chance, thanks to their adviser, John Leat. I must have cut a ludicrous figure in a shirt and jeans, with two windbreakers strapped on the roof of my Times Escort. It was lunchtime when I called so I had to wait. I gazed up at the great Cambridge elite, and had some immediate, strong and unwelcome thoughts. And I was wrong.

The Maktoums' heavy involvement in the racing industry must be welcomed for every reason. They are not only continuing to attract the best horses in the world to these islands, but doing something which will also provide jobs. Shaikh Mohammed's main passion in life after racing is falconry, which he practices in Pakistan and India as well as in Dubai. Two hawks are used, a peregrine, which strikes on sight and another type, which quarters the ground more thoroughly. It appears that the Maktoums are employing both methods of attack as they continue to plunder the riches of the turf.

Today, Shaikh Mohammed is a bearded, athletic figure aged about 35. He is an expert rider, who stood bareback on a horse and camel in turn, as they galloped past the guests at his wedding feast. He flies his own Boeing 727. He is a crack rifle shot and likes all forms of hunting. Under pressure, he admits to writing poetry. He is also obviously a private and reserved man, with a keen sense of humour.

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Sharaf Dancer - stepping out on a glittering road

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Today, Shaikh Mohammed is a bearded, athletic figure aged about 35. He is an expert rider, who stood bareback on a horse and camel in turn, as they galloped past the guests at his wedding feast. He flies his own Boeing 727. He is a crack rifle shot and likes all forms of hunting. Under pressure, he admits to writing poetry. He is also obviously a private and reserved man, with a keen sense of humour.

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## Great Yarmouth

Draw: no advantage  
Total: Double 3.15, 4.15, Treble 2.45, 3.45, 4.45  
2.15 FEE FARM STAKES (2-y-o; maidens; 1,435: 7) (11 runners)

1. 10-0 ANNA LEE HOPE (A M Maktoum) Thomson Jones 9-0 P Cook 7  
2. 10-0 ANNA LEE HOPE (A M Maktoum) Thomson Jones 9-0 P Cook 7  
3. 10-0 ANNA LEE HOPE (A M Maktoum) Thomson Jones 9-0 P Cook 7  
4. 10-0 ANNA LEE HOPE (A M Maktoum) Thomson Jones 9-0 P Cook 7  
5. 10-0 ANNA LEE HOPE (A M Maktoum) Thomson Jones 9-0 P Cook 7  
6. 10-0 ANNA LEE HOPE (A M Maktoum) Thomson Jones 9-0 P Cook 7  
7. 10-0 ANNA LEE HOPE (A M Maktoum) Thomson Jones 9-0 P Cook 7  
8. 10-0 ANNA LEE HOPE (A M Maktoum) Thomson Jones 9-0 P Cook 7  
9. 10-0 ANNA LEE HOPE (A M Maktoum) Thomson Jones 9-0 P Cook 7  
10. 10-0 ANNA LEE HOPE (A M Maktoum) Thomson Jones 9-0 P Cook 7  
11. 10-0 ANNA LEE HOPE (A M Maktoum) Thomson Jones 9-0 P Cook 7

2.45 HOLIDAY PLAYGROUND HANDICAP (selling; 2862: 1m) (6) 7  
1. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
2. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
3. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
4. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
5. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
6. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7

3.15 FREDDIE STARR HANDICAP (3-y-o; 22,075: 8) (6) 7  
1. 10-0 PLAY OUR BOSS (H Maktoum) J Hindley 4-10-0 A Storer 7  
2. 10-0 PLAY OUR BOSS (H Maktoum) J Hindley 4-10-0 A Storer 7  
3. 10-0 PLAY OUR BOSS (H Maktoum) J Hindley 4-10-0 A Storer 7  
4. 10-0 PLAY OUR BOSS (H Maktoum) J Hindley 4-10-0 A Storer 7  
5. 10-0 PLAY OUR BOSS (H Maktoum) J Hindley 4-10-0 A Storer 7  
6. 10-0 PLAY OUR BOSS (H Maktoum) J Hindley 4-10-0 A Storer 7

3.45 LENNIE BENNETT STAKES (selling; 2862: 1m) (6) 7  
1. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
2. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
3. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
4. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
5. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
6. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7

4.15 WINDMILL THEATRE HANDICAP (E1,730: 1m) (6) 7  
1. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
2. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
3. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
4. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
5. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
6. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7

4.45 MARKET GATES STAKES (3-y-o; maidens; E1,412: 1m 2) (7) 7  
1. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
2. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
3. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
4. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
5. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
6. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
7. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7

Yarmouth selections  
By John Karter  
2.15 El Hakim, 2.45 Angela Edelson, 3.15 El Tral, 3.45 Paramaribo, 4.15 Val Climber, 4.45 Childwin.

By Our Newmarket Correspondent  
2.15 El Hakim, 2.45 Angela Edelson, 3.15 Roysia Boy, 3.45 Paramaribo, 4.15 Pearl Thyme, 4.45 Childwin.

Fontwell Park  
2.0 OYING CONDITIONAL JOCKEYS  
HURDLE (Selling; 2753: 2m 2) (17 runners)

1. 10-0 ASPEN FINE 7-11-0 G Warren 10  
2. 10-0 ASPEN FINE 7-11-0 G Warren 10  
3. 10-0 ASPEN FINE 7-11-0 G Warren 10  
4. 10-0 ASPEN FINE 7-11-0 G Warren 10  
5. 10-0 ASPEN FINE 7-11-0 G Warren 10  
6. 10-0 ASPEN FINE 7-11-0 G Warren 10  
7. 10-0 ASPEN FINE 7-11-0 G Warren 10  
8. 10-0 ASPEN FINE 7-11-0 G Warren 10  
9. 10-0 ASPEN FINE 7-11-0 G Warren 10  
10. 10-0 ASPEN FINE 7-11-0 G Warren 10  
11. 10-0 ASPEN FINE 7-11-0 G Warren 10  
12. 10-0 ASPEN FINE 7-11-0 G Warren 10  
13. 10-0 ASPEN FINE 7-11-0 G Warren 10  
14. 10-0 ASPEN FINE 7-11-0 G Warren 10  
15. 10-0 ASPEN FINE 7-11-0 G Warren 10  
16. 10-0 ASPEN FINE 7-11-0 G Warren 10  
17. 10-0 ASPEN FINE 7-11-0 G Warren 10

2.30 ARUNDEL CHASE (Handicap; E1,732: 2m 2) (11) 7  
1. 10-0 WHITE HART 9-11-12 M Parnell 2  
2. 10-0 WHITE HART 9-11-12 M Parnell 2  
3. 10-0 WHITE HART 9-11-12 M Parnell 2  
4. 10-0 WHITE HART 9-11-12 M Parnell 2  
5. 10-0 WHITE HART 9-11-12 M Parnell 2  
6. 10-0 WHITE HART 9-11-12 M Parnell 2  
7. 10-0 WHITE HART 9-11-12 M Parnell 2  
8. 10-0 WHITE HART 9-11-12 M Parnell 2  
9. 10-0 WHITE HART 9-11-12 M Parnell 2  
10. 10-0 WHITE HART 9-11-12 M Parnell 2  
11. 10-0 WHITE HART 9-11-12 M Parnell 2

2.45 ARUNDEL CHASE (Handicap; E1,732: 2m 2) (11) 7  
1. 10-0 WHITE HART 9-11-12 M Parnell 2  
2. 10-0 WHITE HART 9-11-12 M Parnell 2  
3. 10-0 WHITE HART 9-11-12 M Parnell 2  
4. 10-0 WHITE HART 9-11-12 M Parnell 2  
5. 10-0 WHITE HART 9-11-12 M Parnell 2  
6. 10-0 WHITE HART 9-11-12 M Parnell 2  
7. 10-0 WHITE HART 9-11-12 M Parnell 2  
8. 10-0 WHITE HART 9-11-12 M Parnell 2  
9. 10-0 WHITE HART 9-11-12 M Parnell 2  
10. 10-0 WHITE HART 9-11-12 M Parnell 2  
11. 10-0 WHITE HART 9-11-12 M Parnell 2

3.0 EARTHWALK HURDLE (Handicap; E1,732: 2m 2) (11) 7  
1. 10-0 WHITE HART 9-11-12 M Parnell 2  
2. 10-0 WHITE HART 9-11-12 M Parnell 2  
3. 10-0 WHITE HART 9-11-12 M Parnell 2  
4. 10-0 WHITE HART 9-11-12 M Parnell 2  
5. 10-0 WHITE HART 9-11-12 M Parnell 2  
6. 10-0 WHITE HART 9-11-12 M Parnell 2  
7. 10-0 WHITE HART 9-11-12 M Parnell 2  
8. 10-0 WHITE HART 9-11-12 M Parnell 2  
9. 10-0 WHITE HART 9-11-12 M Parnell 2  
10. 10-0 WHITE HART 9-11-12 M Parnell 2  
11. 10-0 WHITE HART 9-11-12 M Parnell 2

3.30 ALDINGBOURNE HURDLE (Handicap; E1,732: 2m 2) (11) 7  
1. 10-0 WHITE HART 9-11-12 M Parnell 2  
2. 10-0 WHITE HART 9-11-12 M Parnell 2  
3. 10-0 WHITE HART 9-11-12 M Parnell 2  
4. 10-0 WHITE HART 9-11-12 M Parnell 2  
5. 10-0 WHITE HART 9-11-12 M Parnell 2  
6. 10-0 WHITE HART 9-11-12 M Parnell 2  
7. 10-0 WHITE HART 9-11-12 M Parnell 2  
8. 10-0 WHITE HART 9-11-12 M Parnell 2  
9. 10-0 WHITE HART 9-11-12 M Parnell 2  
10. 10-0 WHITE HART 9-11-12 M Parnell 2  
11. 10-0 WHITE HART 9-11-12 M Parnell 2

Fontwell selections  
2.0 Roysia Boy, 2.30 White Hart, 3.0 White Hart, 3.30 White Hart, 4.0 White Hart, 4.30 White Hart.

Hamilton Park  
2.15 BROMBISTA RUN STAKES (2-y-o; maidens; E1,412: 1m 2) (7) 7  
1. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
2. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
3. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
4. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
5. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
6. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
7. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7

2.45 GLENVIEW MALT WHISKY QUICH HANDICAP (2-y-o; maidens; E1,412: 1m 2) (7) 7  
1. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
2. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
3. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
4. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
5. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
6. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
7. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7

3.15 LANGE SUPREME SCOTCH WHISKY HANDICAP (2-y-o; maidens; E1,412: 1m 2) (7) 7  
1. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
2. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
3. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
4. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
5. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
6. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
7. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7

3.45 BROMBISTA RUN STAKES (2-y-o; maidens; E1,412: 1m 2) (7) 7  
1. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
2. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
3. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
4. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
5. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
6. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
7. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7

4.15 BROMBISTA RUN STAKES (2-y-o; maidens; E1,412: 1m 2) (7) 7  
1. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
2. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
3. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
4. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
5. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
6. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
7. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7

4.45 TOTTER HOUSE STAKES (2-y-o; maidens; E1,412: 1m 2) (7) 7  
1. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
2. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
3. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
4. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
5. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
6. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
7. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7

5.15 BROMBISTA RUN STAKES (2-y-o; maidens; E1,412: 1m 2) (7) 7  
1. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
2. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
3. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
4. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
5. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
6. 10-0 PRINCE OF (H H Maktoum) J Hindley 4-10-0 A Storer 7  
7. 10-0 PRINCE OF (H H Maktoum) J Hindley







# Today's television and radio programmes

Edited by Peter Dear

## BBC 1

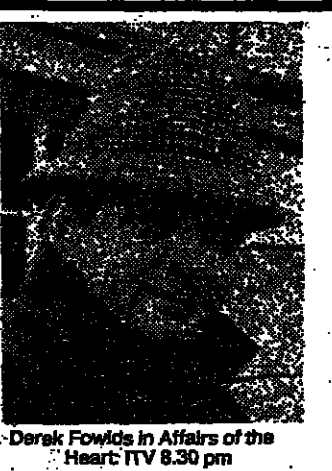
- 6.00 **Casualty** AM. News headlines, weather, traffic and sports news.
- 6.30 **Breakfast** Time presented by Frank Bough and Sue Cook. News from Debbie Rix at 6.30, 7.00, 7.45, 8.15 and 8.45 with headlines on the quarter hours; regional news, weather and traffic at 6.45, 7.15, 7.45 and 8.15; keep fit between 6.45 and 7.00; today's television preview between 7.15 and 7.30; a review of the morning papers at 7.30 and 8.30; and horoscopes between 8.30 and 8.45.
- 9.00 **Champion of the Under-18s**. The super speed and his owner, Ricky, fled an injured prisoner. Should they reveal his whereabouts to the world? (P). 8.05. **Memory**. Rodney Bewes reads part two of *Jeffrey, the Burglar's Cat*, by Ursula Moray Williams (P). 8.40. **Wife and the Wild** and *The Flight of the Hawk*. With the voices of Kenneth Williams (P). 8.45. **Take Hart** with Tony Hart and his little pet, Morph (P). 10.15. **Clothes**.
- 1.00 **News at Noon** with Richard Whitmore and Vivien Crago. The weather details come from Michael Fish. 1.27. **Regional News** (London and SE only). Financial report followed by news headlines with Whitmore. 1.30. **Book on the Beach** (P).
- 1.45 **Film: The Reluctant Astronaut** (1987) starring Don Knotts. Fairground attendant without a head for heights is catapulted into training to be an astronaut. Directed by Edward J. Montagne, former producer of the excellent *Bilko* comedies.
- 3.15 **Take Another Look**. Meats with a difference are digested this afternoon with a look at how nature has devised different ways of acquiring food. (P). 3.35. **Sound of Praise** from Caribbea Castle on the Isle of Wight (shown on Sunday). 4.18. **Regional News** (not London).
- 4.20 **Eye School**. Shown earlier on BBC 2. 4.45. **Radio 4** in the *Planes* (P). 5.05. **John Craven's Newsround**. 5.10. **Animal Magic** in Hong Kong (P).
- 5.40 **News with Moira Stuart**. 6.00. **South East at Six**.
- 6.25 **Doctor Who**. Peter Davison in *The Five Doctors*. The Vanishing of the TARDIS. A documentary about a forest in Costa Rica, one of the many that are threatened by men. Remarkable photography reveals, among other wonders, the giant, coloured poisonous frog and the Quetzal, a sacred bird of the Aztecs, once thought to be extinct.
- 7.20 **That's Life** presented by Eddi Reader. A compilation of the consumer affairs programme featuring the most requested items from the last series.
- 8.10 **The Freddie Starr Showcases**. The last in the series featuring musical entertainment. Among the new groups appearing are Chopper Harris and the Jodelles.
- 9.05 **News with John Humphrys**.
- 9.25 **Film: Parnassus in Hell** (1975) starring Dirk Bogarde and Ava Gardner. The first showing on British television of this superb thriller, set in 18th-century Austria, about a British agent commissioned to eliminate an East European liberation leader before he returns to his country following a period of exile. Directed by Cyril Frankel.
- 10.58 **News headlines**.
- 11.00 **Flamingo Road**. Constance starts yet another affair, this time with Michael Tyrone.
- 11.50 **Weather**.

## TV-am

- 6.25 **Good Morning Britain** presented by Nick Owen and Anne Diamond. News from Gail Scott at 6.25, 7.00, 7.30, 8.00 and 8.30; the twilight world of medicine examined at 8.30 and 8.45; sport at 8.45 and 7.45; Chris Tarrant in the role of Wright from 8.55; audio guests, the Moody Blues from 7.00; pop news with Timmy Mallett and guests Roman Holiday at 7.50; pop video at 7.55; a preview of the day's television at 8.35; comedies with Mad Ladd at 8.55; and, from 8.50, Roland Rat in Newcastle.

## ITV/LONDON

- 9.25 **Thames news headlines** followed by *Science Street* 10.25. **Winter in the Snow**. Winter sports with a difference - acrobatic diving. 10.40 *The New Accelerators*. A documentary that examines the transport systems of Toronto, Munich and an American's plan to travel between Los Angeles and New York in 54 minutes. (P). 11.15. **Voyage to the Bottom of the Sea**. Radioactivity turns a scientist into a werewolf who threatens the Seaview and her crew (P). 11.50. **Cartoon Time**.
- 12.00 **Moschops**. Adventures of a puppet dinosaur. 12.10. **Sounds** with a story. Mark Wynter with the tale of *The Little Black Pony*. 12.30 *The Sullivan*.
- 1.00 **News**. 1.20. **Thames news**. 1.30 *The Comedians*. Non-stop funny stories from a host of stand-up comics (P). 2.00. **A Place**. Horror writers are the subjects today with Martin Nicholson talking to James Herbert and Brian Garth with Stephen King.
- 2.30 **Play: Stitches**, by Catherine Hayes. Family drama when two sisters meet at the bedside of their dying mother. Starring Frances de la Tour, Gwen Taylor and Anna Wing (P). 3.30. **Superstar Profile**. Catherine Laporte. 3.40. **4.45. Radio 4** in the *Planes* (P). 5.05. **John Craven's Newsround**. 5.10. **Animal Magic** in Hong Kong (P).
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Derek Fowles in *Affairs of the Heart* (TV 8.30 pm)

● Geynor Fairbrother is an extremely brave young woman and the subject of an engaging documentary, *IMAGINE* (P) on BBC 1 (TV 10.30 pm). The tragedy of Geynor began 23 years ago when she was aged eight. Alone in the sitting room of her home she sat and waited for her mother to return. Her mother was totally destroyed and her injuries so severe that it was a miracle that she lived. Twenty years on and countless skin-graft operations later she still looked like an angel. A Hammer film with her chances of living a normal life, reading with each day. Then her colleagues at the St. Anne's Leicestershire, packaging factory decided to raise money for Geynor to have more plastic surgery, this

time privately. From this point the programme follows the progress of Geynor, who was eventually again treated on the National Health, from the Harley Street examinations to the skin-grafting operations at a Billerica hospital. The physical transformation, although not striking, is noticeable. What is clearly evident is the vastly improved demeanour of Geynor who, at the start of her latest treatment, was introverted and apathetic but is now confident, with a mind of her own.

● Actor Paul Daneman has turned his talents to writing and the result is a clever comedy about the untidy business of recovering from a heart attack. *AFFAIRS OF THE HEART* (TV 8.30 pm) stars

Derek Fowles as Peter Bonamy, the unfortunate man whose over-protective wife and over-zealous friends turn his period of convalescence into a nightmare.

● Cornelia-born playwright Tony Fisher uses his knowledge of the area and its people for his *BEFORE I AM OLD* (TV 4.30 pm). Set in the 1950s, the play concerns a young English writer who goes to live with a Gallic-speaking fishing and farming community, untouched by such modern trappings as electricity or the telephone. The young man's attachment to one of the local girls soon brings him into conflict with the rest of the villagers and it is this animosity that brings a rather subtle edge to a sentimental story. Anton Lesser stars as the young man, Neil, with Marcella O'Riordan as Mary, the object of his affections.

## CHOICE

- 6.00 **News Briefing**.
- 6.10 **Farming Today**. 6.25 **Shipping Forecast**.
- 6.30 **Today**, including 6.45 *Prayer for the Day*, 6.55, 7.05 *Weather*, 7.00, 7.00 *Today's News*, 7.20 *Today's News*, 7.25 *Today's News*, 7.30 *Today's News*, 7.35 *Today's News*, 7.40 *Today's News*, 7.45 *Today's News*, 7.50 *Today's News*, 7.55 *Today's News*, 8.00 *Today's News*, 8.05 *Today's News*, 8.10 *Today's News*, 8.15 *Today's News*, 8.20 *Today's News*, 8.25 *Today's News*, 8.30 *Today's News*, 8.35 *Today's News*, 8.40 *Today's News*, 8.45 *Today's News*, 8.50 *Today's News*, 8.55 *Today's News*, 9.00 *Today's News*, 9.05 *Today's News*, 9.10 *Today's News*, 9.15 *Today's News*, 9.20 *Today's News*, 9.25 *Today's News*, 9.30 *Today's News*, 9.35 *Today's News*, 9.40 *Today's News*, 9.45 *Today's News*, 9.50 *Today's News*, 9.55 *Today's News*, 10.00 *Today's News*, 10.05 *Today's News*, 10.10 *Today's News*, 10.15 *Today's News*, 10.20 *Today's News*, 10.25 *Today's News*, 10.30 *Today's News*, 10.35 *Today's News*, 10.40 *Today's News*, 10.45 *Today's News*, 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Wendy Rose*	17 58	De-Pedro	26 75	Peking	2 24 75	Vancouver*	3
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Wing Tai	5 18 31	Locarno	25 81	Prague		Vienne	28
Wynne		L'Angeles	6 21 72	Prague-New	7 42	Worcester	28
Xenia	1 53 31	Lisbon	23 73	Reykjavik	20 35	Washington*	32
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